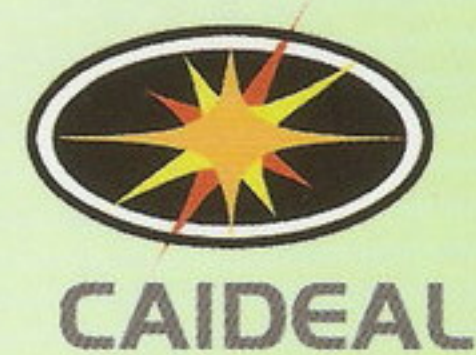




NANJING CAIDEAL PRODUCTS CO.,LTD.



BRIEF INTRODUCTION

NANJING CAIDEAL PRODUCTS CO.,LTD.is a professional supplier of all kinds of the lighting products, electrical meters, and mechanical-electrical equipments etc.

Our company could supply especailly all kind of vapour discharge electricity lamps, such as High Pressure Mercury lamps, High Pressure Sodium lamps and Metal Halide lamps which are with American type. Europe type etc. 100% of these products have been exported to USA,EUROPE market and South-east Asia, South American, Middle-east etc. Meanwhile, it also supplys the Halogen lamps, fluorescent lamps, energy-saving lamps, incandescent lamps, lamp components etc, and Floodlight fixtures, Projection Light Fixtures, Street Light fixture, Halogen Light Fixtures, Ballast, Igniters, Capacitors, photocontrols etc.

We also supply all kinds of the KWH meters, Insulators, Ground Rod etc, and these products have become our most popular producdts recently.

Recently years, our supplied products relying on stable quality and strict management stride rapidly into world market, well-received by clients and consumers, we have being a rising new star of Chinese new-style electrical light source line and other products.

We owns strong technical force, perfect testing measures and advanced equipment with our purpose of "QUALITY FIRST, CREDIT FIRST, SERVICE FIRST". We will continue to supply all kind of new style electrical light source with best quality and competitive price to our old and new customers



General Manager: MR.JOHN YIN

WELCOME TO OUR COMPANY

Address: Nanjing,
Jiangsu,210000
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Tel: +86-25-85165887/66605206,

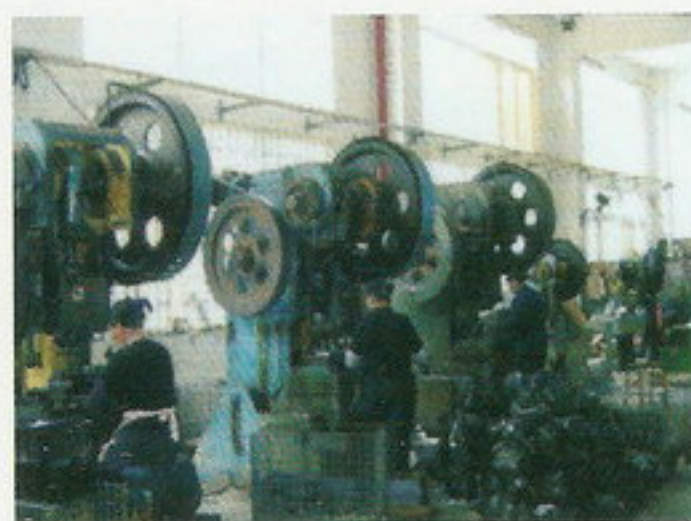
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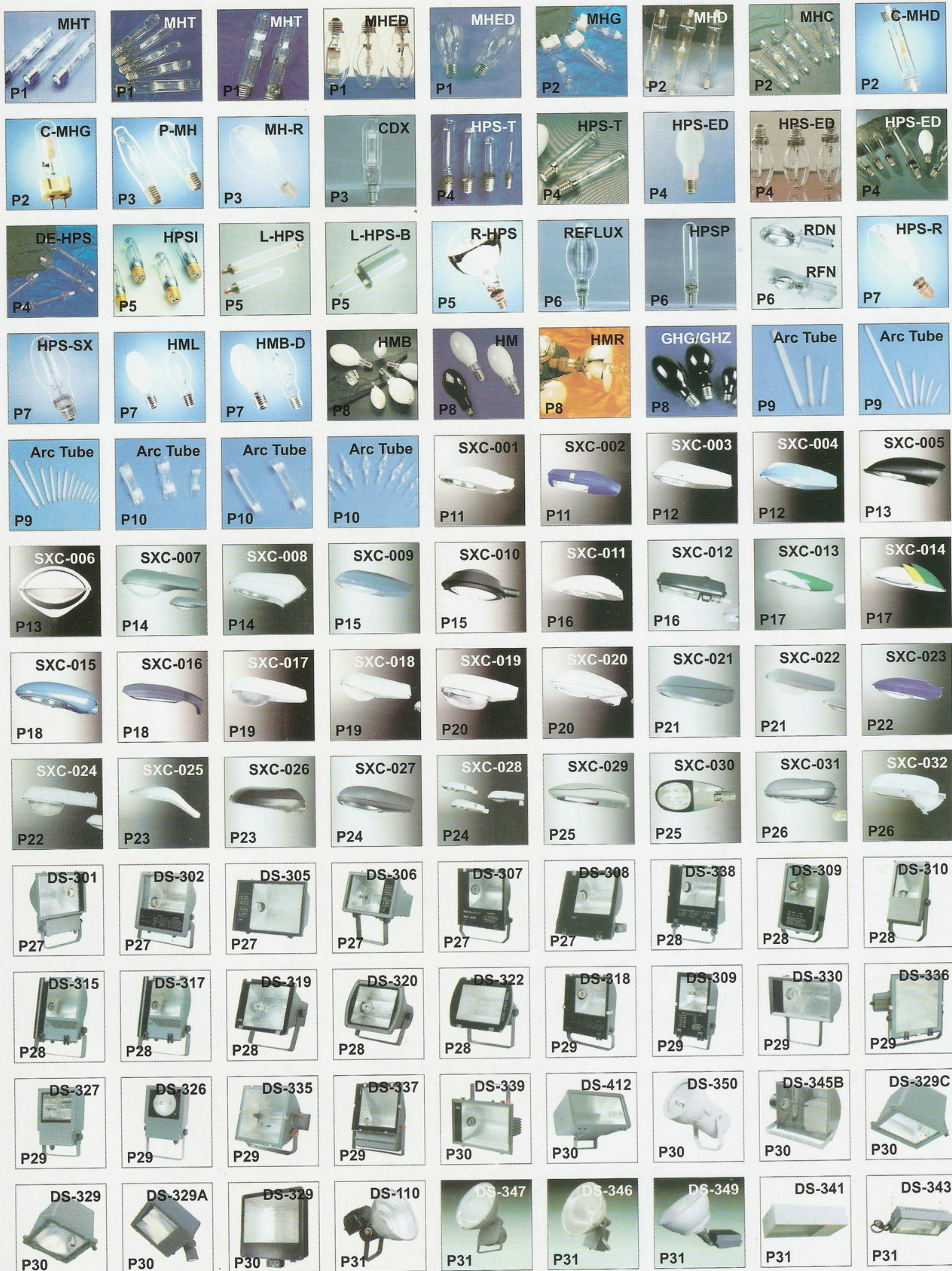
E-Mail: manager@caideal.com

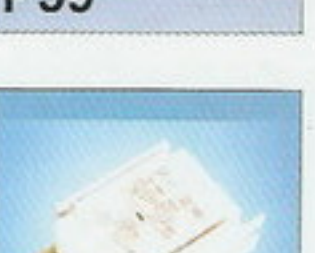
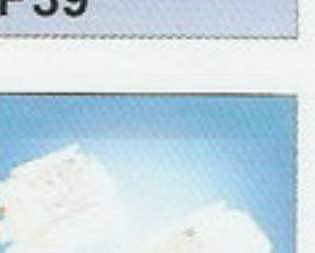
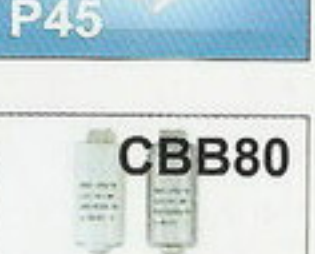
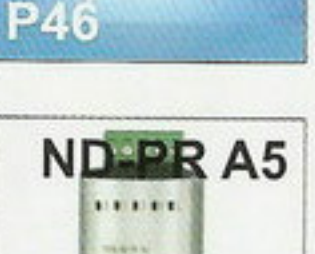
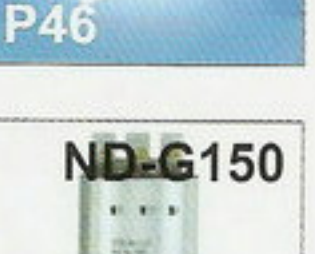
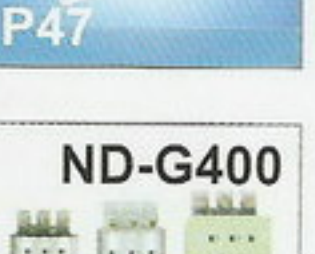
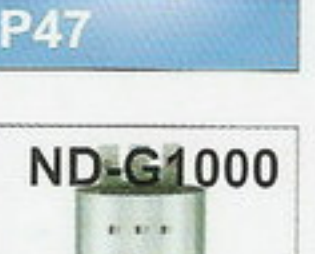
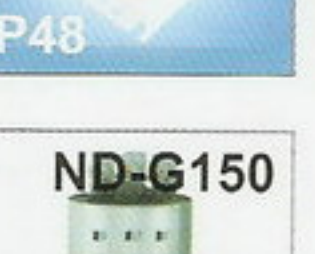
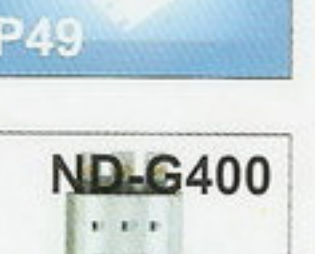
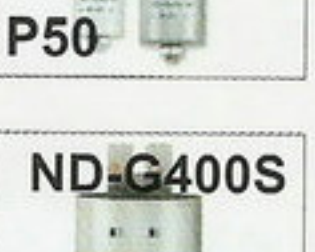
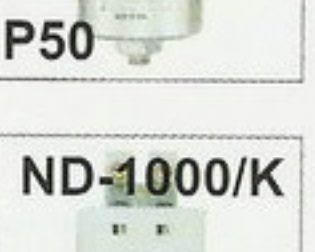
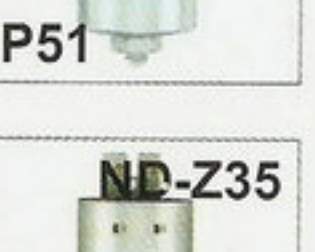
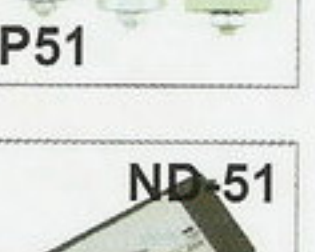
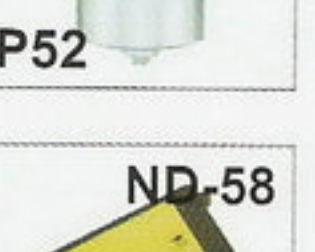
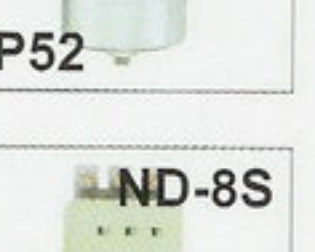
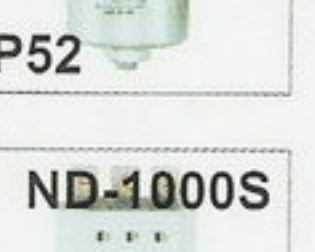
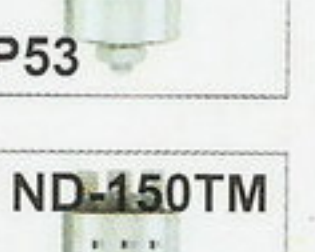
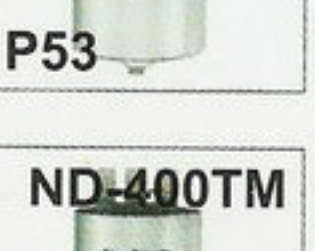
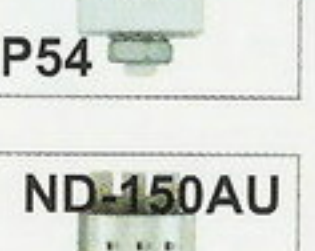
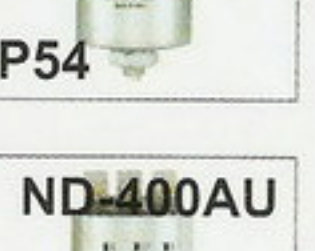
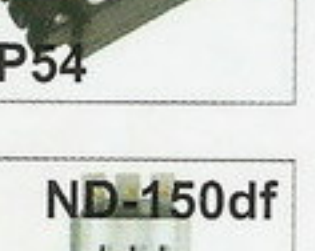
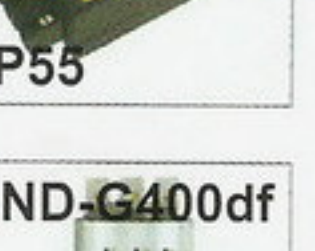
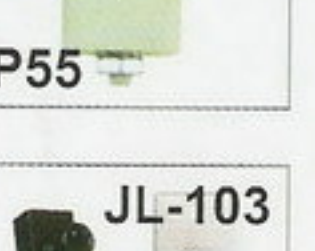
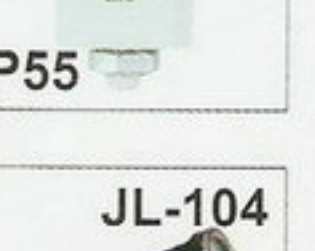
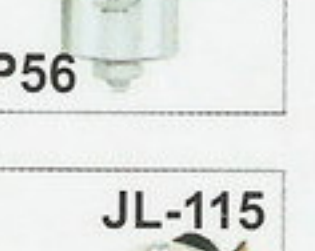
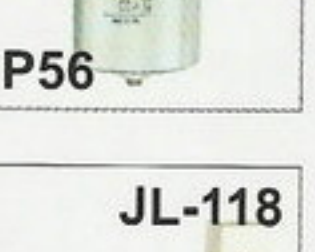
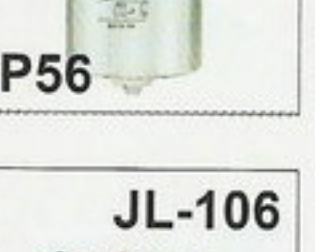
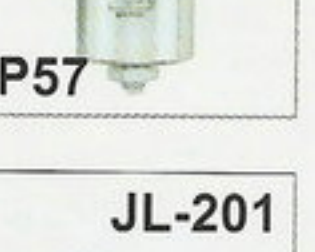
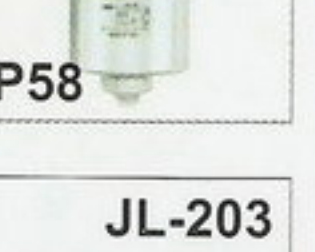
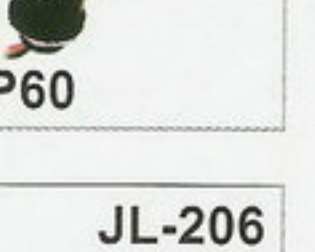
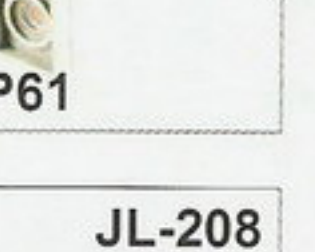
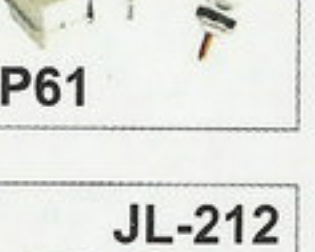
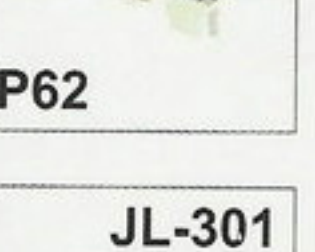
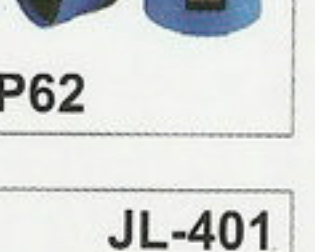
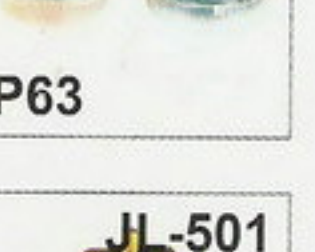
johnyin@china.com

<http://www.caidéal.com>

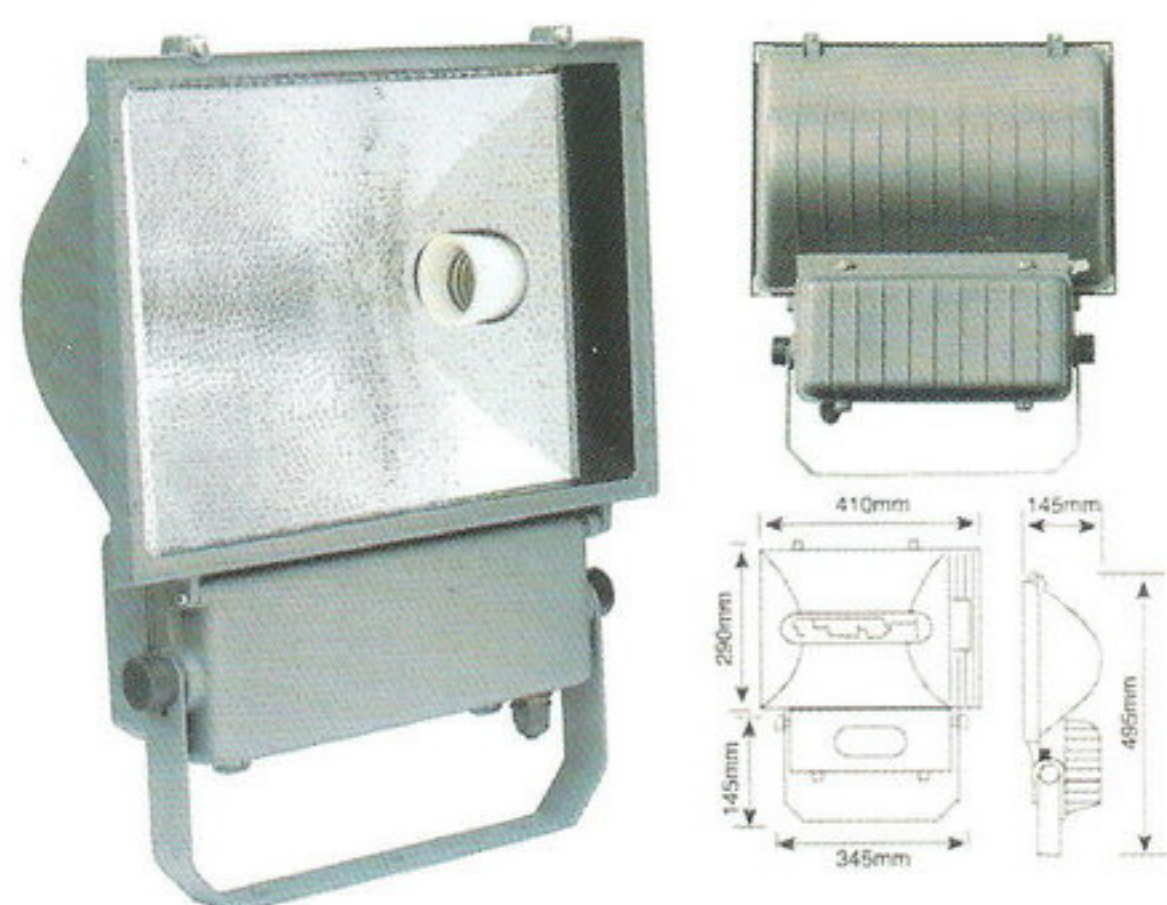
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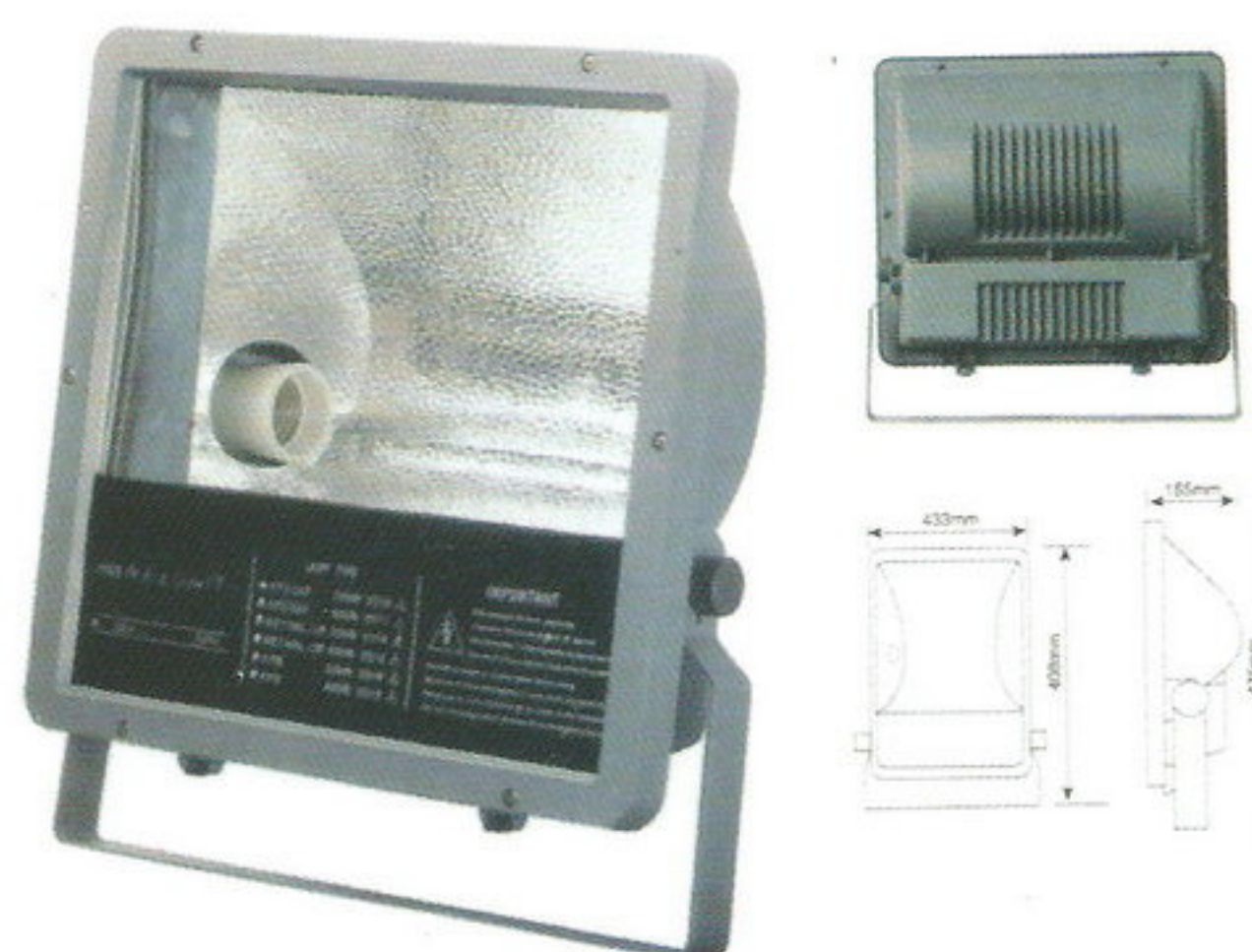


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 DS-416 P32	 DS-402 P33	 DS-403 P33	 DS-404 P33	 DS-409 P33	 DS-410 P33	 DS-411 P33	 DS-405 P34	 DS-417 P34
 DS-414 P34	 DS-416 P34	 DS-415 P34	 DS-E101 P34	 DS-175MH P35	 DS-175MA P35	 DS-175MA P35	 DS-175MH P35	 HPFMH P36
 CWA-MH P36	 CWA-PS P37	 R-HPF P37	 CWA-HPS P38	 HX-MV P38	 R-MV P38	 HX-HPF P39	 CWA-MHF P39	 CWA-MHF P39
 U.S. P40	 P41	 P41	 P42	 P42	 P43	 P43	 P44	 P44
 P45	 P45	 P46	 P46	 P47	 P47	 P48	 P48	 P49
 P49	 CBB80 P50	 ND-PR A5 P50	 ND-G150 P51	 ND-G400 P51	 ND-G1000 P52	 ND-G2000 P52	 ND-G150 P52	 ND-G400 P53
 ND-G2000 P53	 ND-G400S P53	 ND-1000/K P54	 ND-Z35 P54	 ND-51 P54	 ND-58 P55	 ND-8S P55	 ND-1000S P55	 ND-150TM P56
 ND-400TM P56	 ND-1000TM P56	 ND-150AU P57	 ND-400AU P57	 ND-150df P58	 ND-G400df P58	 JL-103 P60	 JL-104 P60	 JL-115 P61
 JL-118 P61	 JL-106 P62	 JL-201 P62	 JL-202 P63	 JL-203 P63	 JL-204 P64	 JL-205 P64	 JL-206 P65	 JL-208 P65
 JL-212 P66	 JL-301 P66	 JL-401 P67	 JL-501 P67	 JL-200X P68	 JL-220 P68	 JL-210 P69	 JL-220 P69	

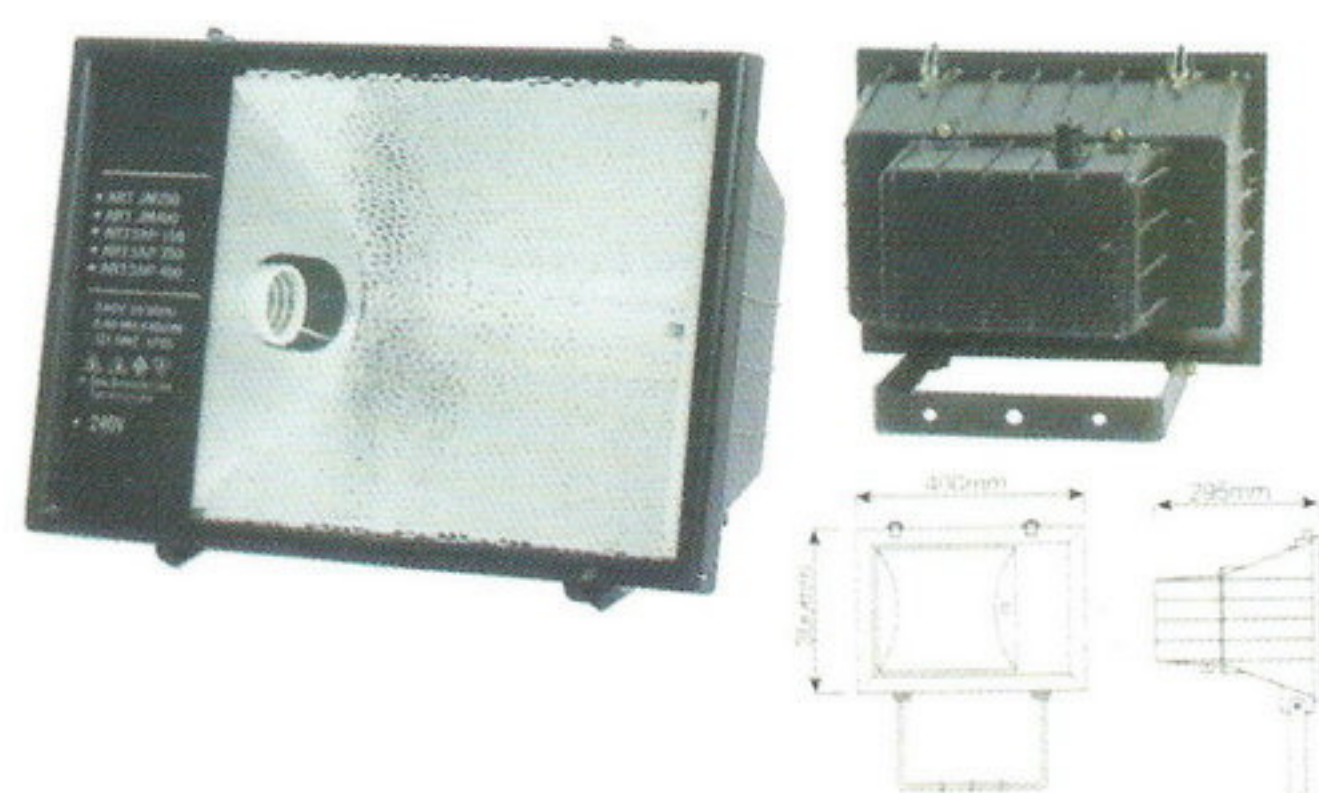
- The housing is made of high-pressure die casting aluminum alloy, high purity aluminum reflector.
- High temperature silicon seal.
- Enclosure protection grade: IP65.
- Places suitable for application: billboard, building, plaza, parking, etc.



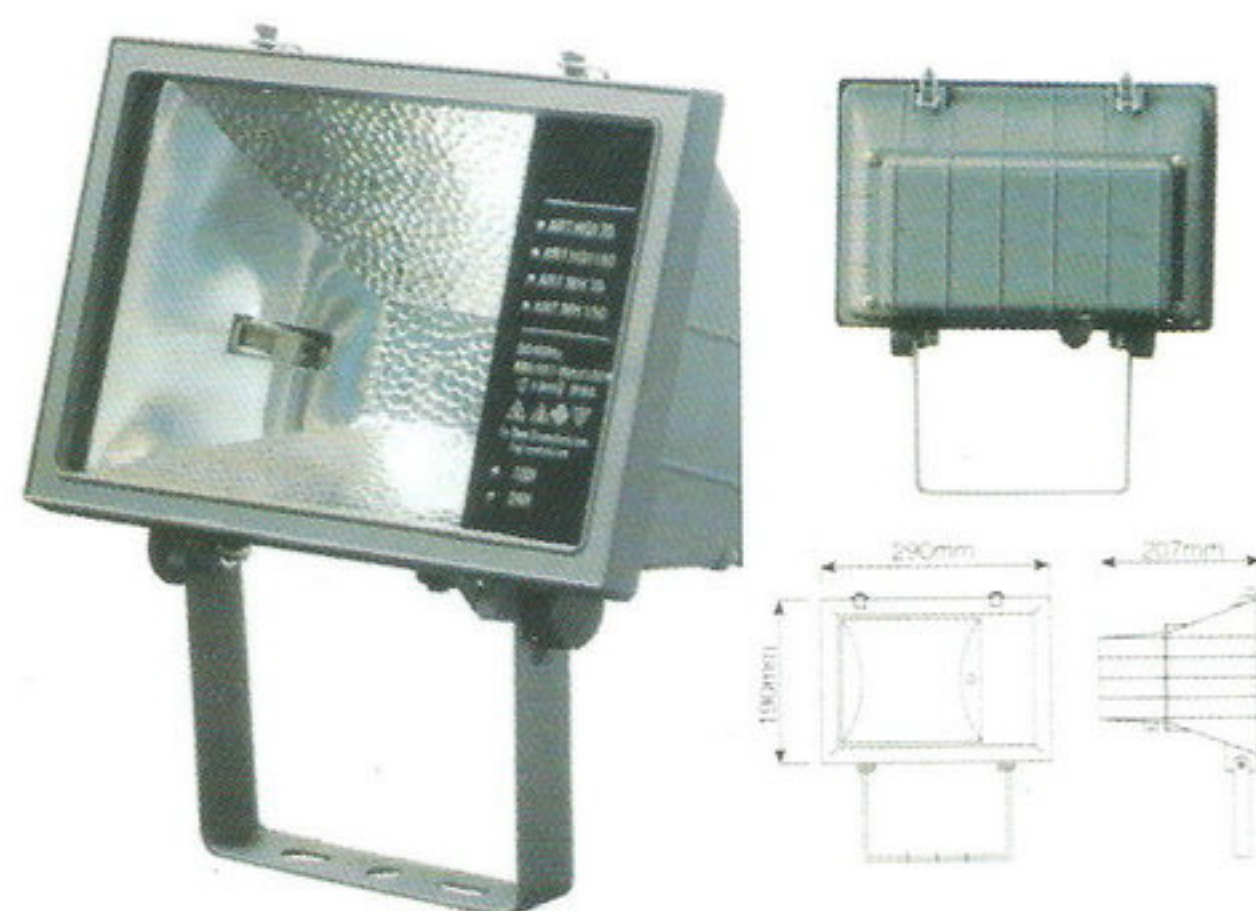
DS-301 E40 Max 400W



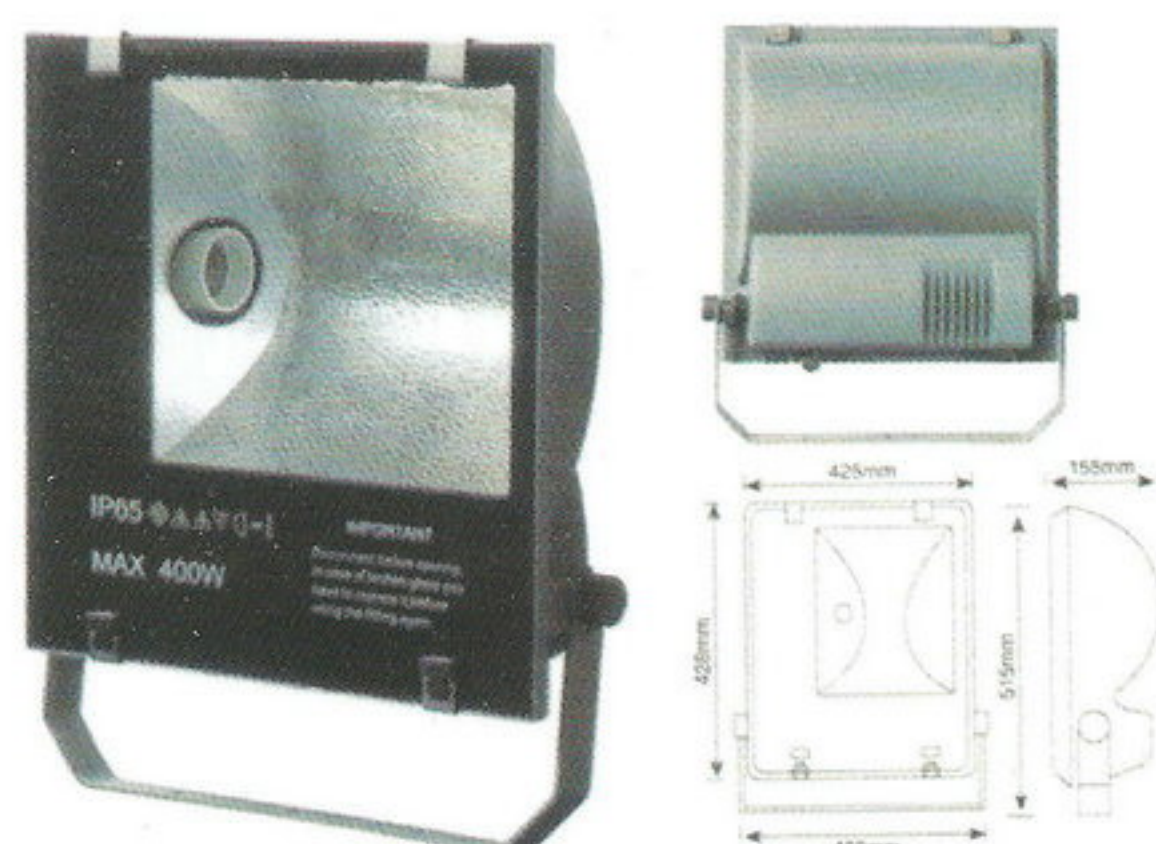
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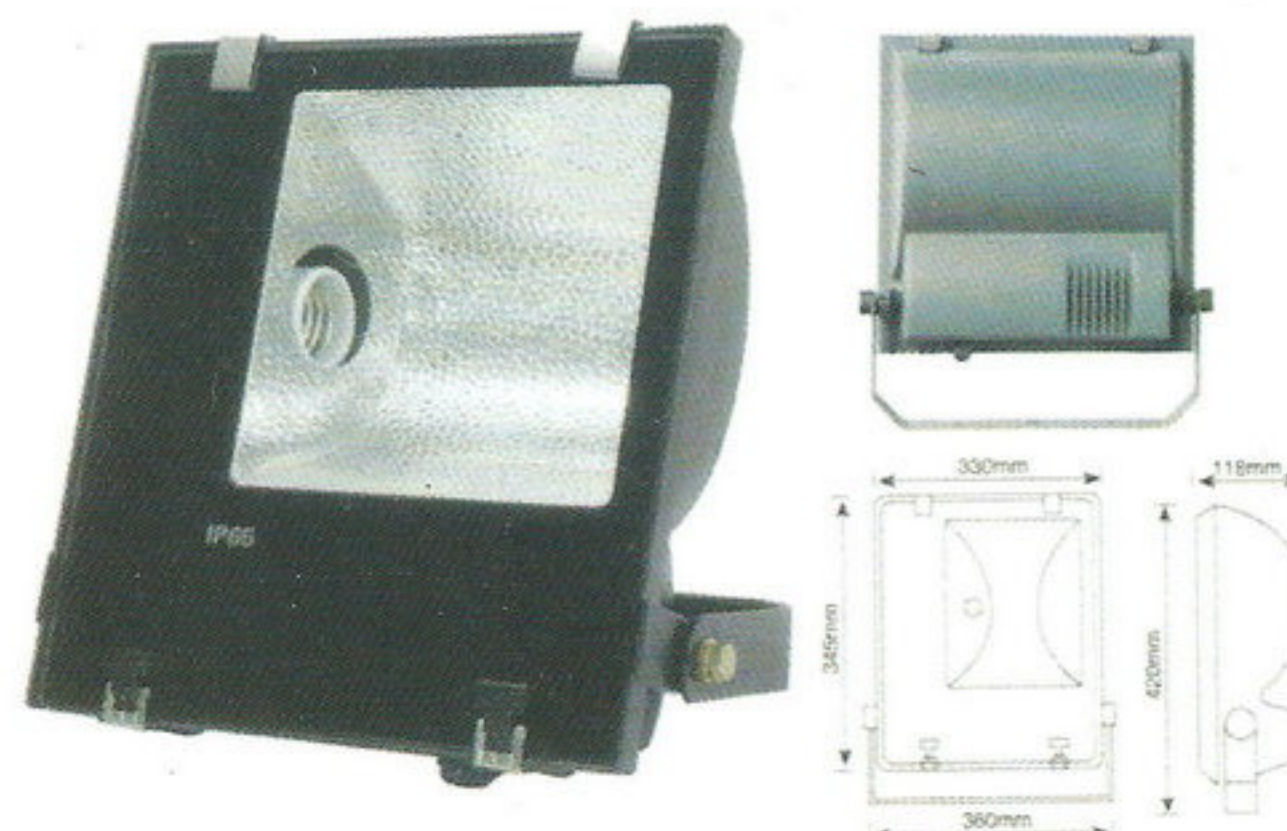
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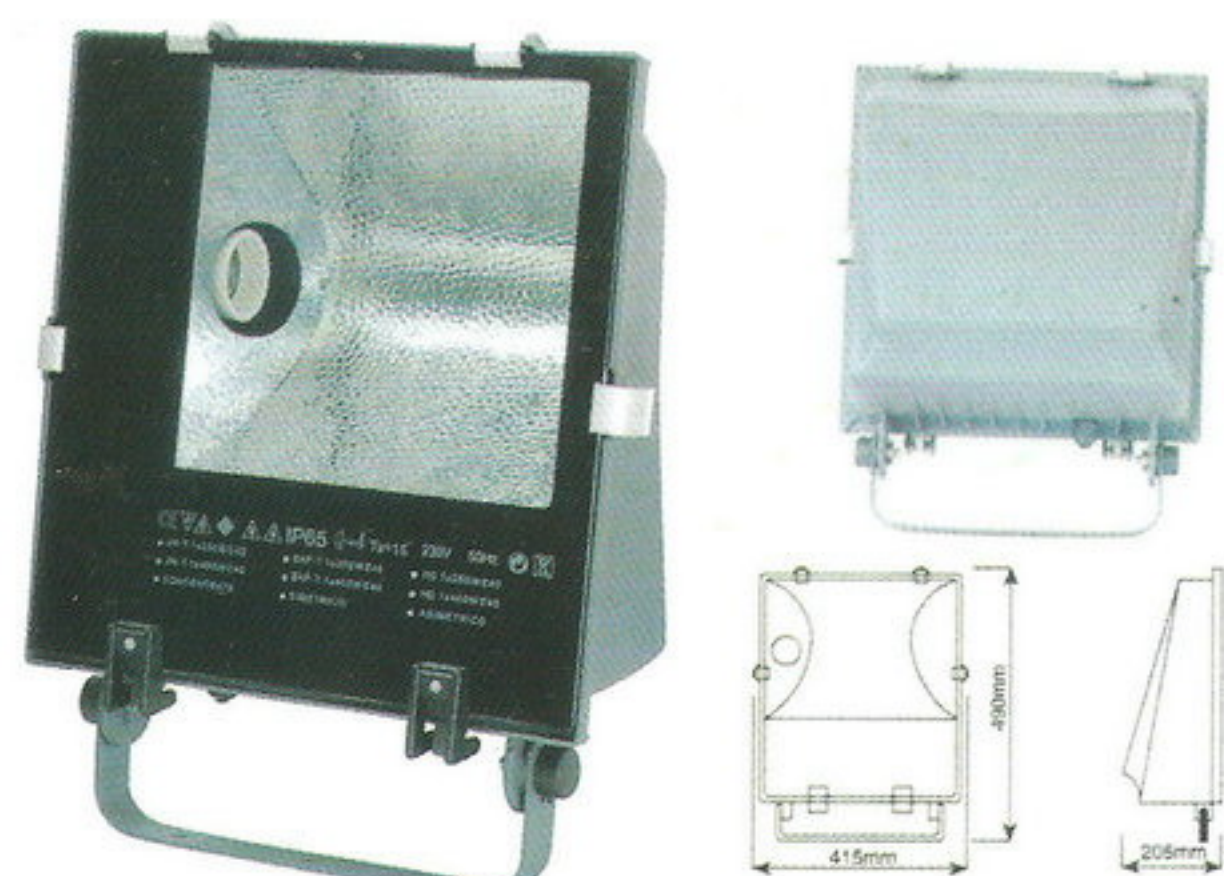
DS-306 E27/Rx7s Max 400W



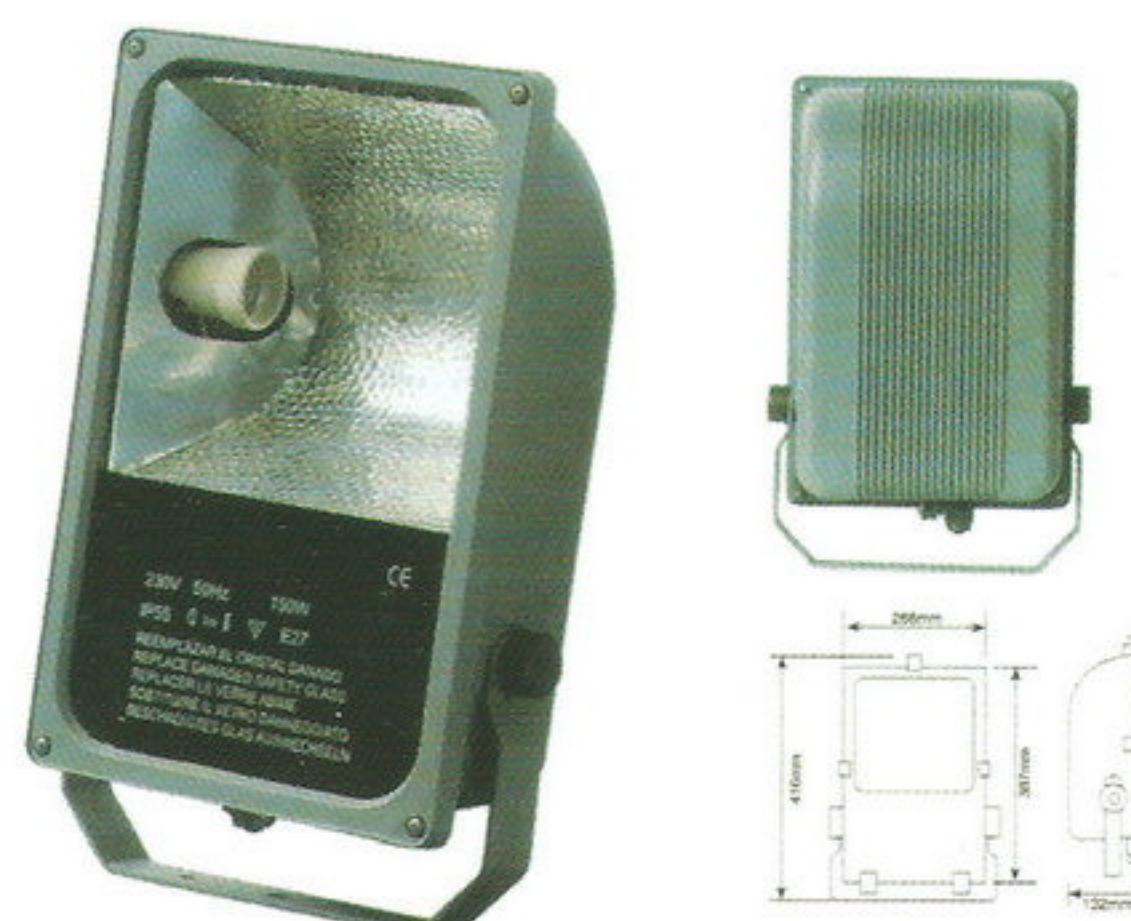
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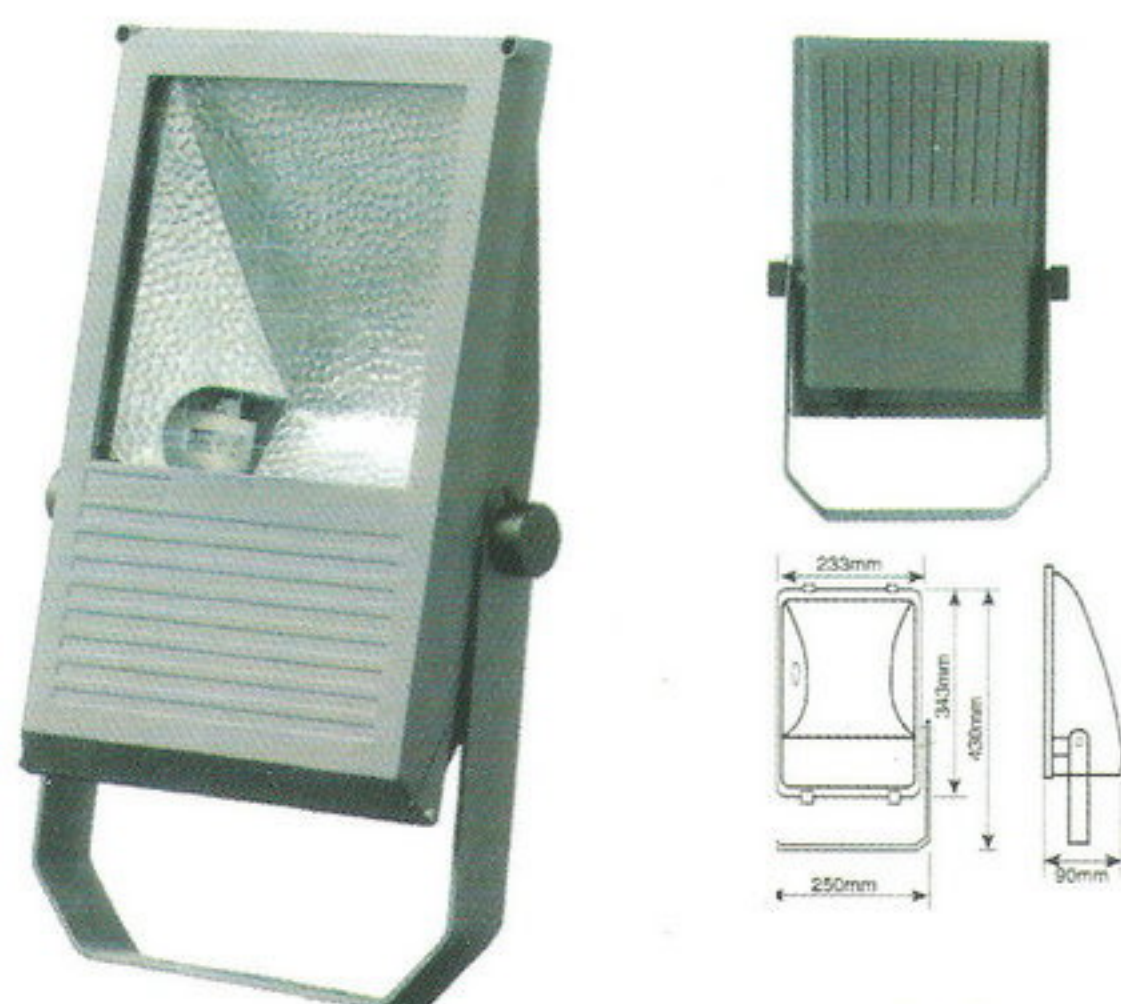
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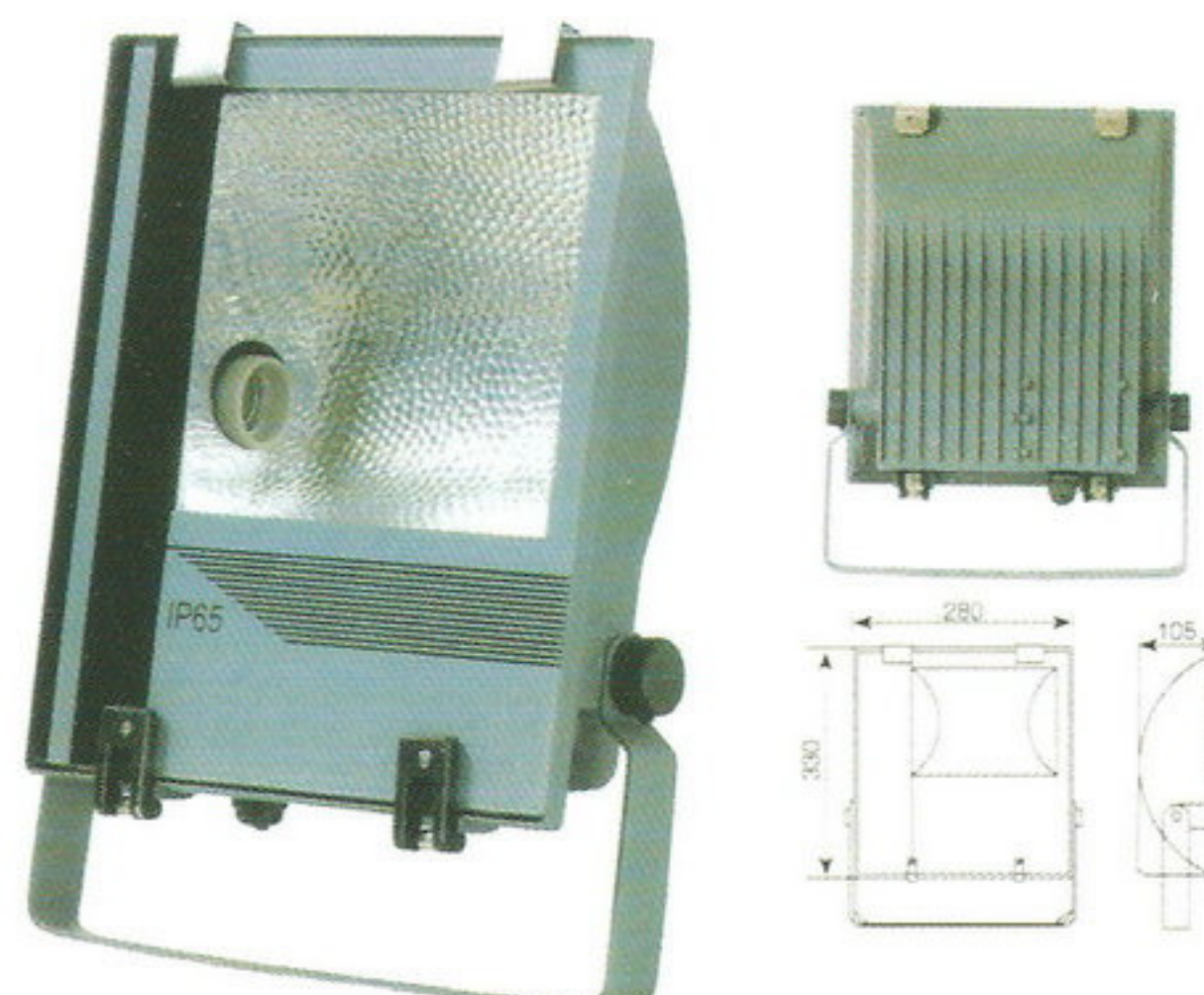
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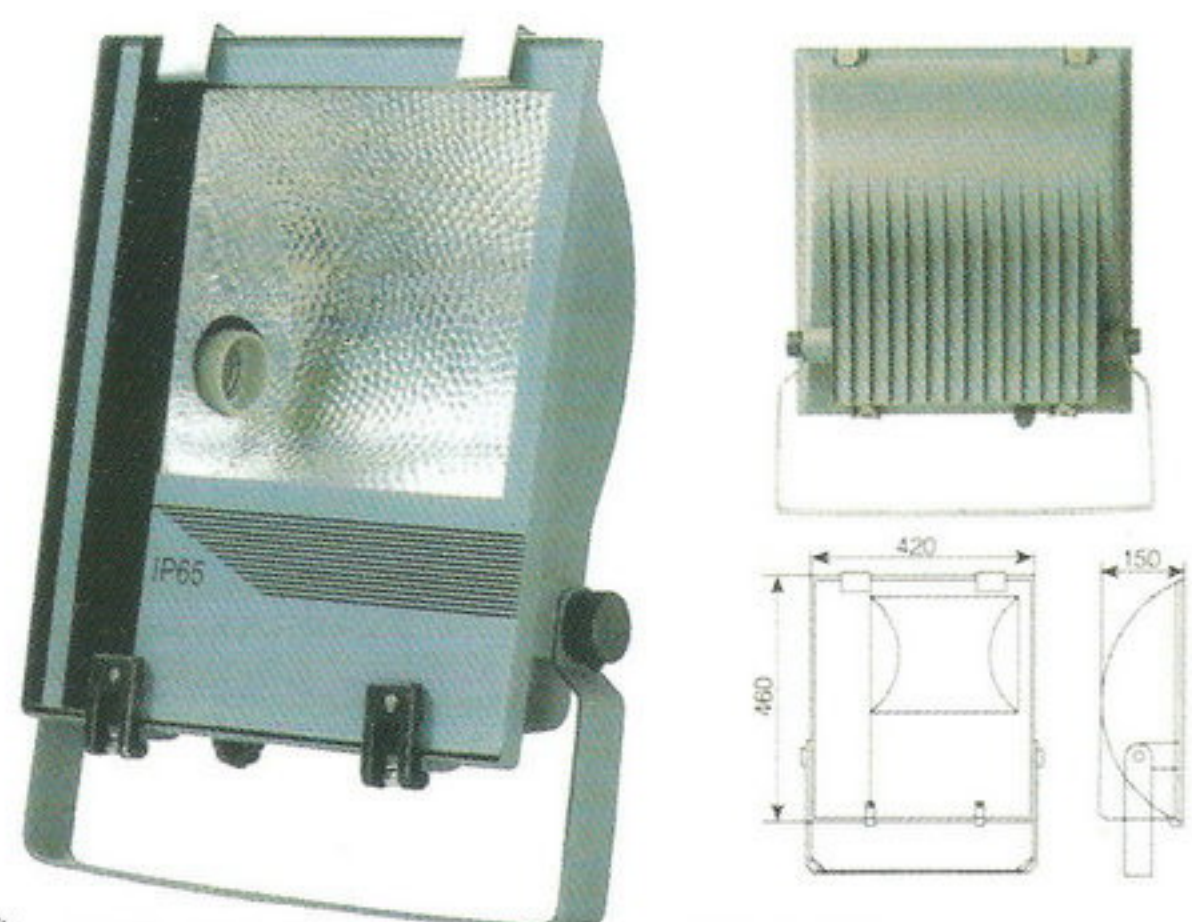
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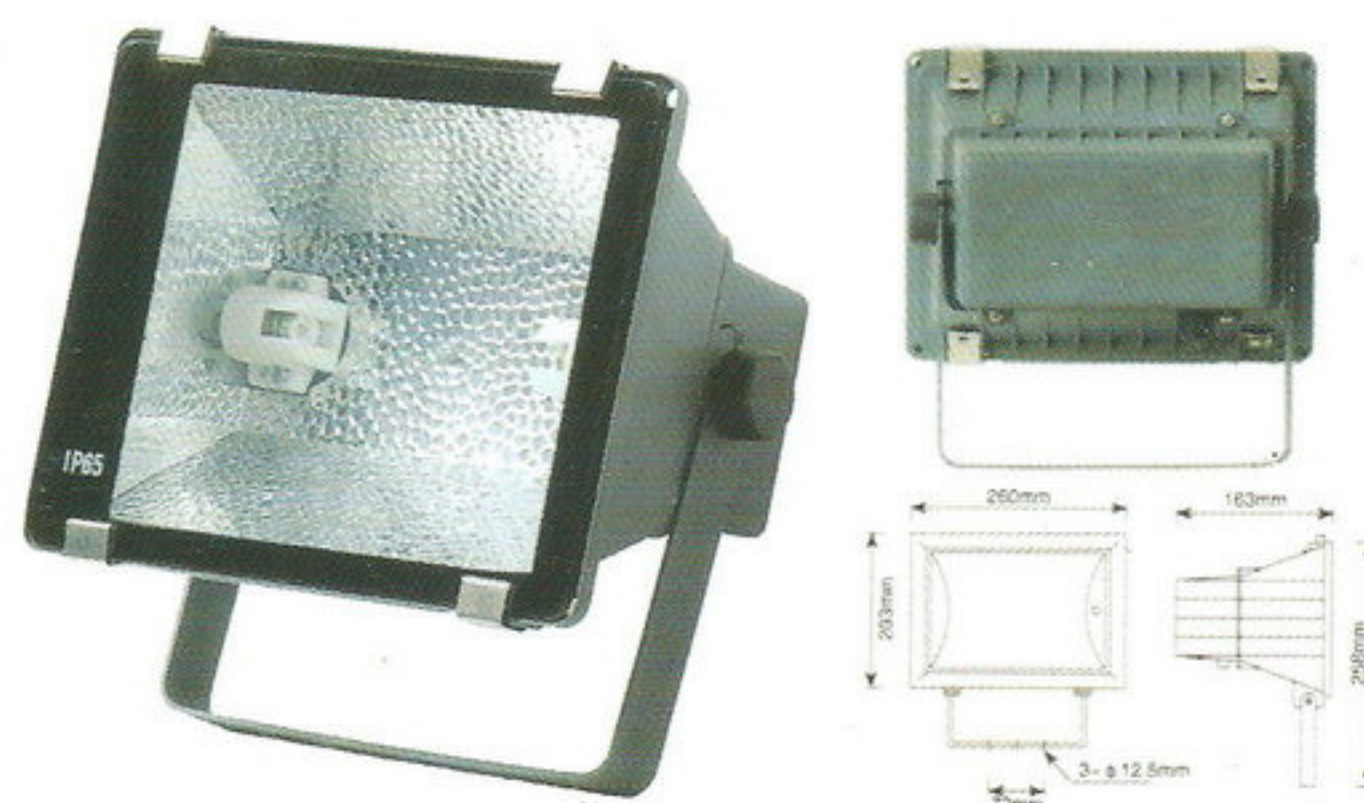
DS-310 Rx7s/E27 Max 150W



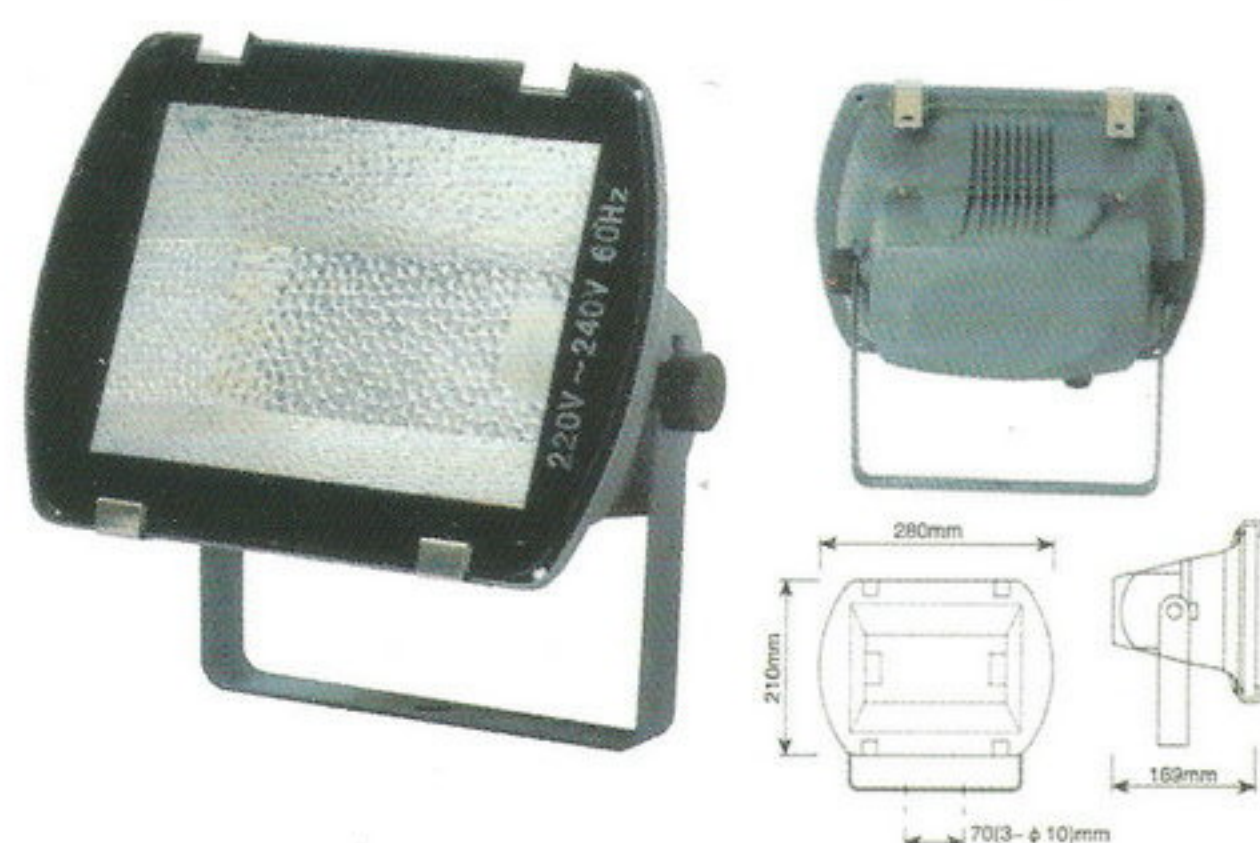
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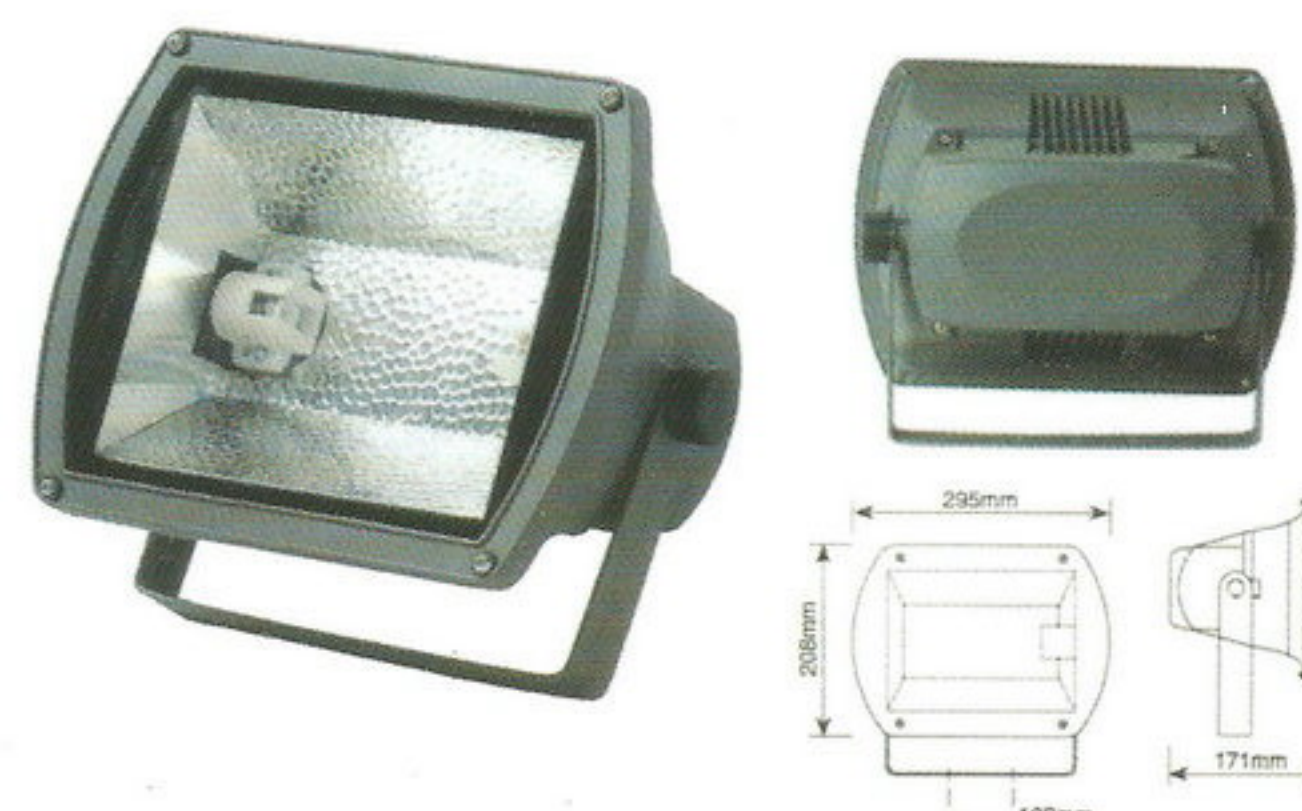
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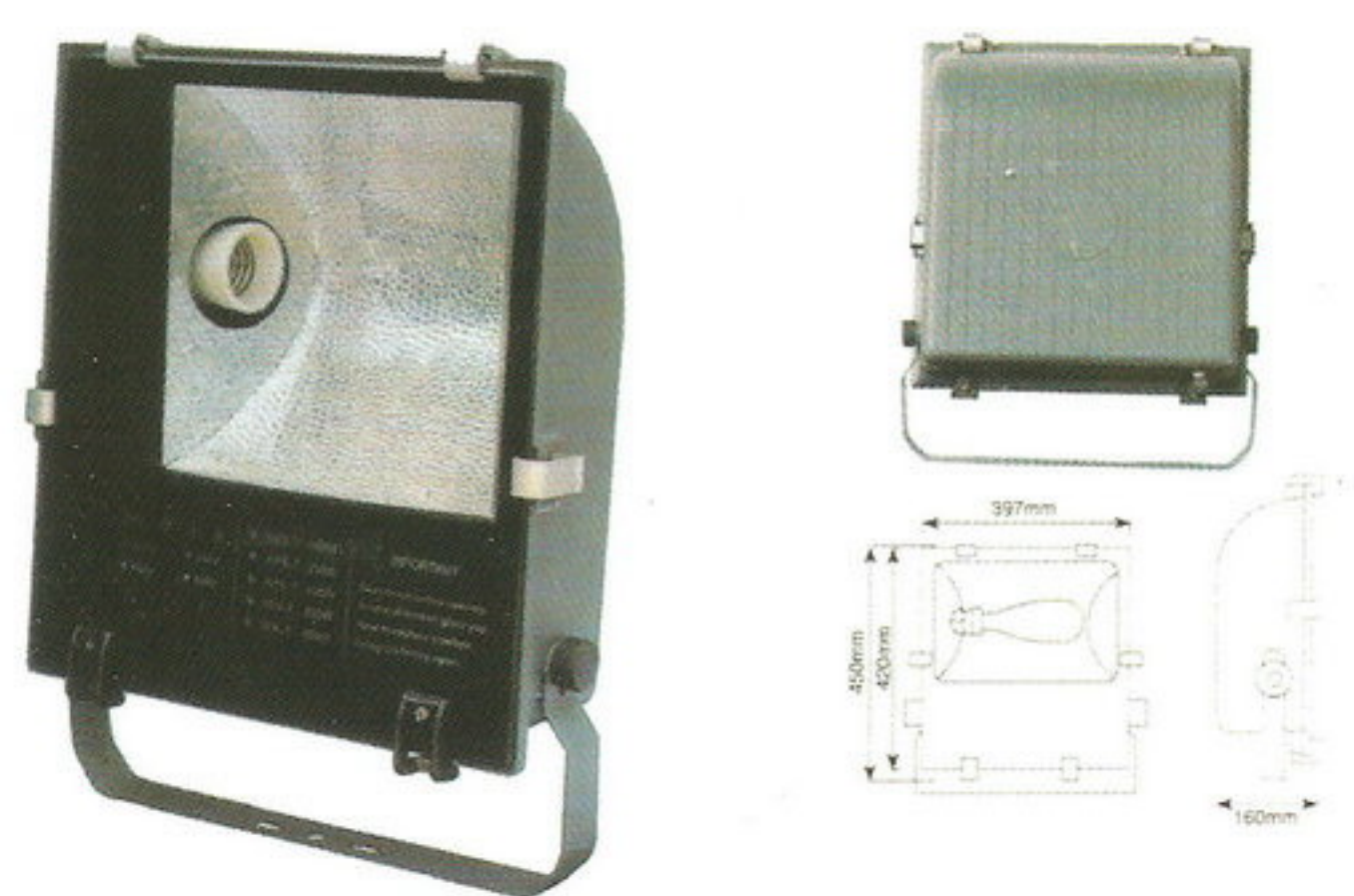
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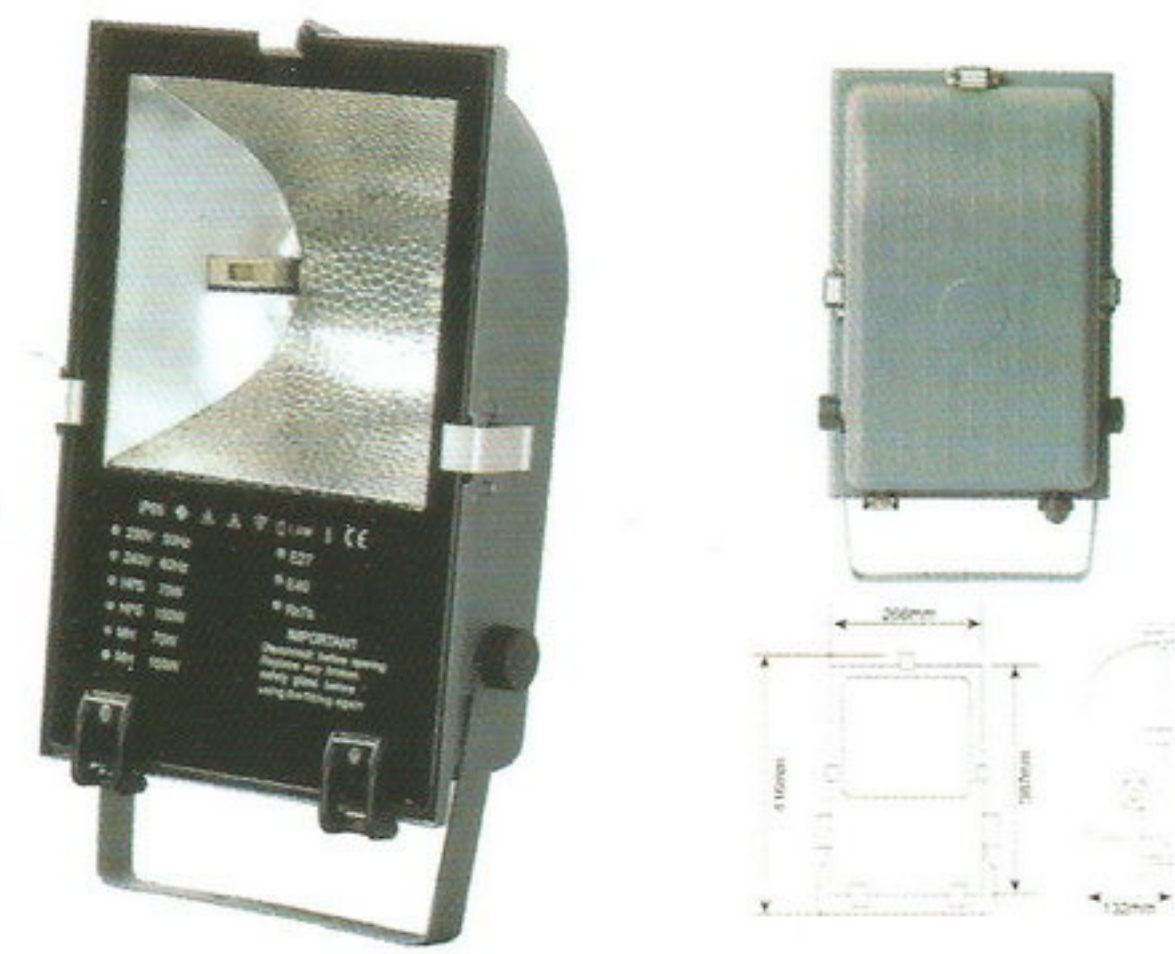
DS-320 E27/Rx7s Max



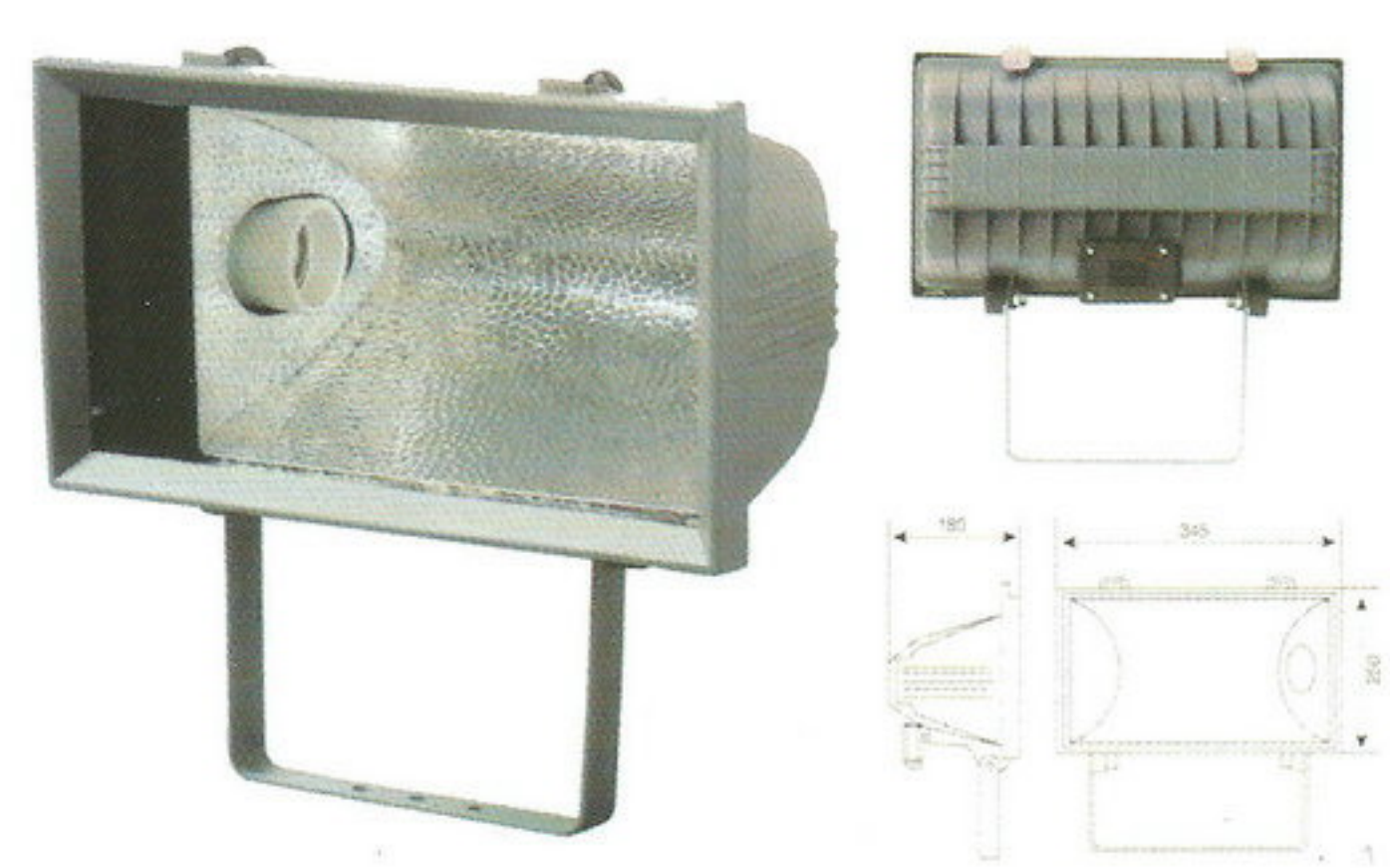
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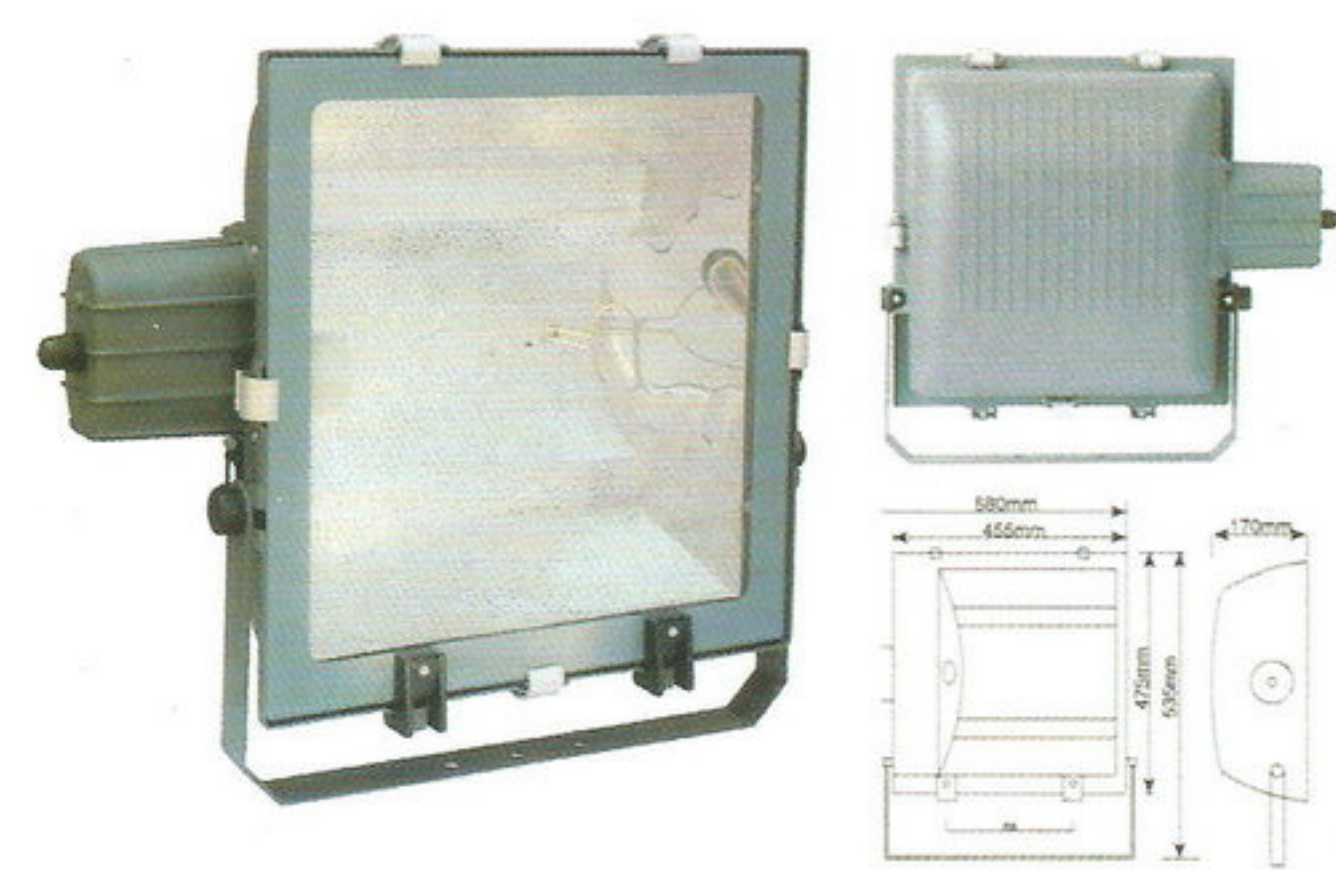
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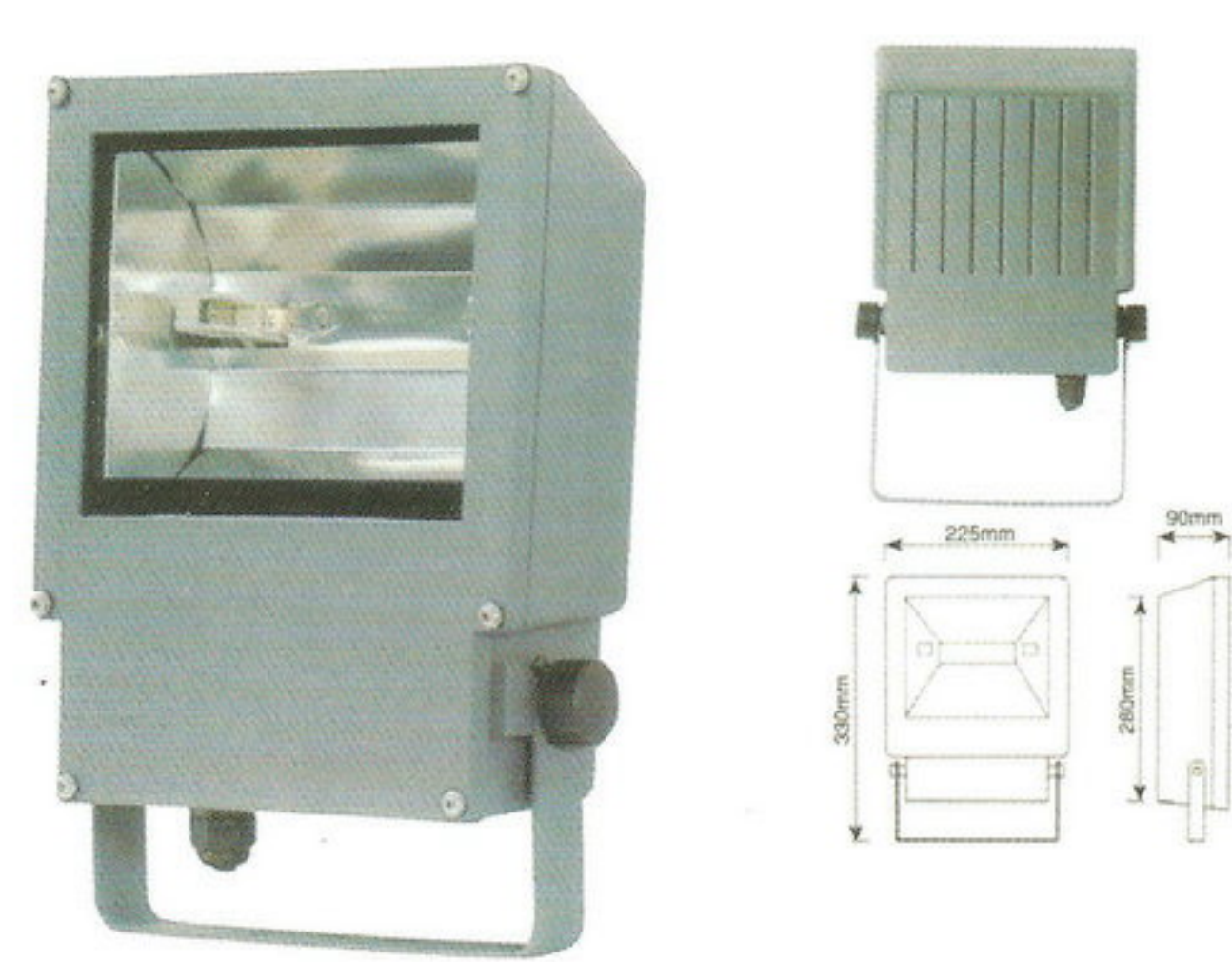
DS-309A E27/Rx7s Max 150W



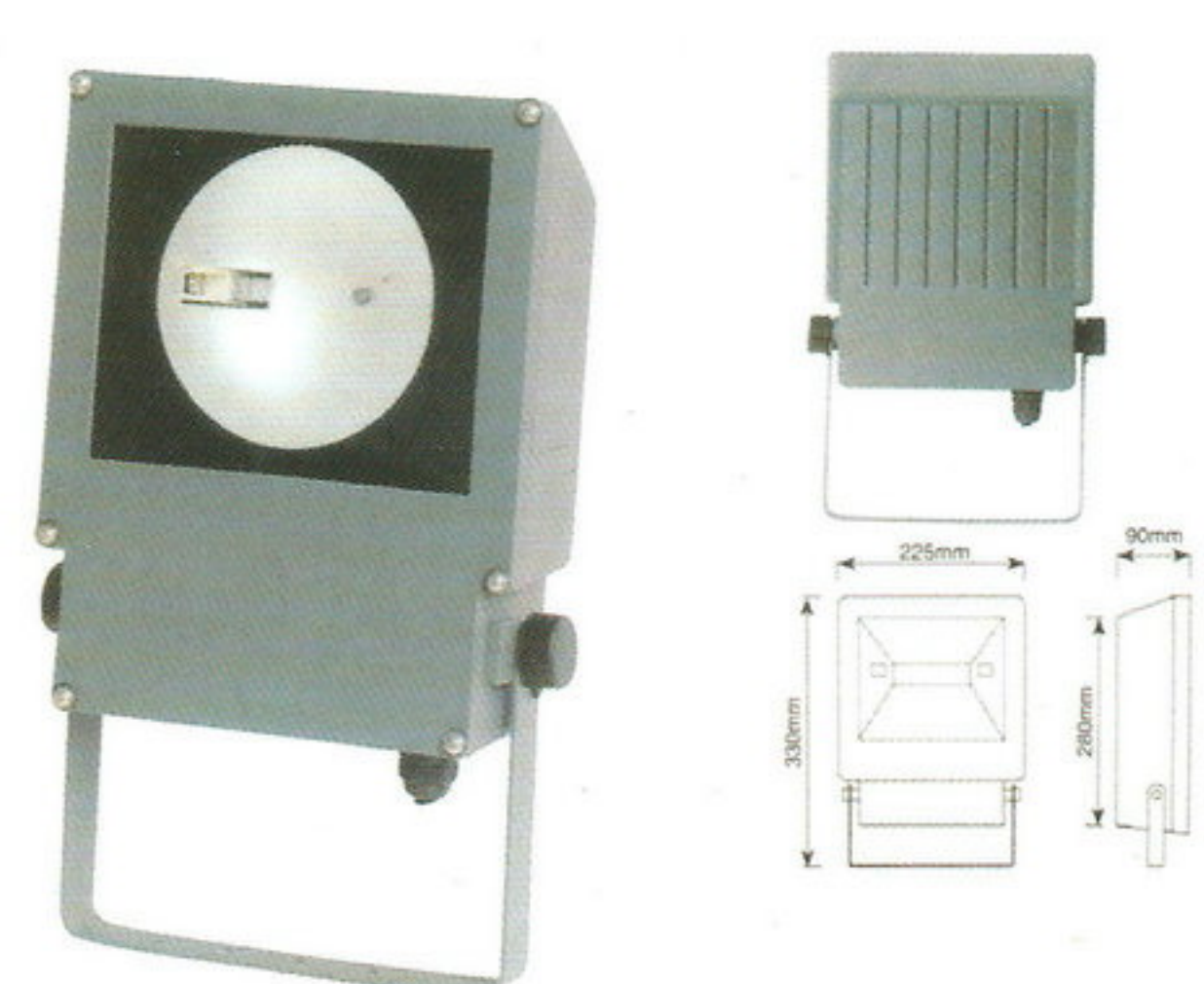
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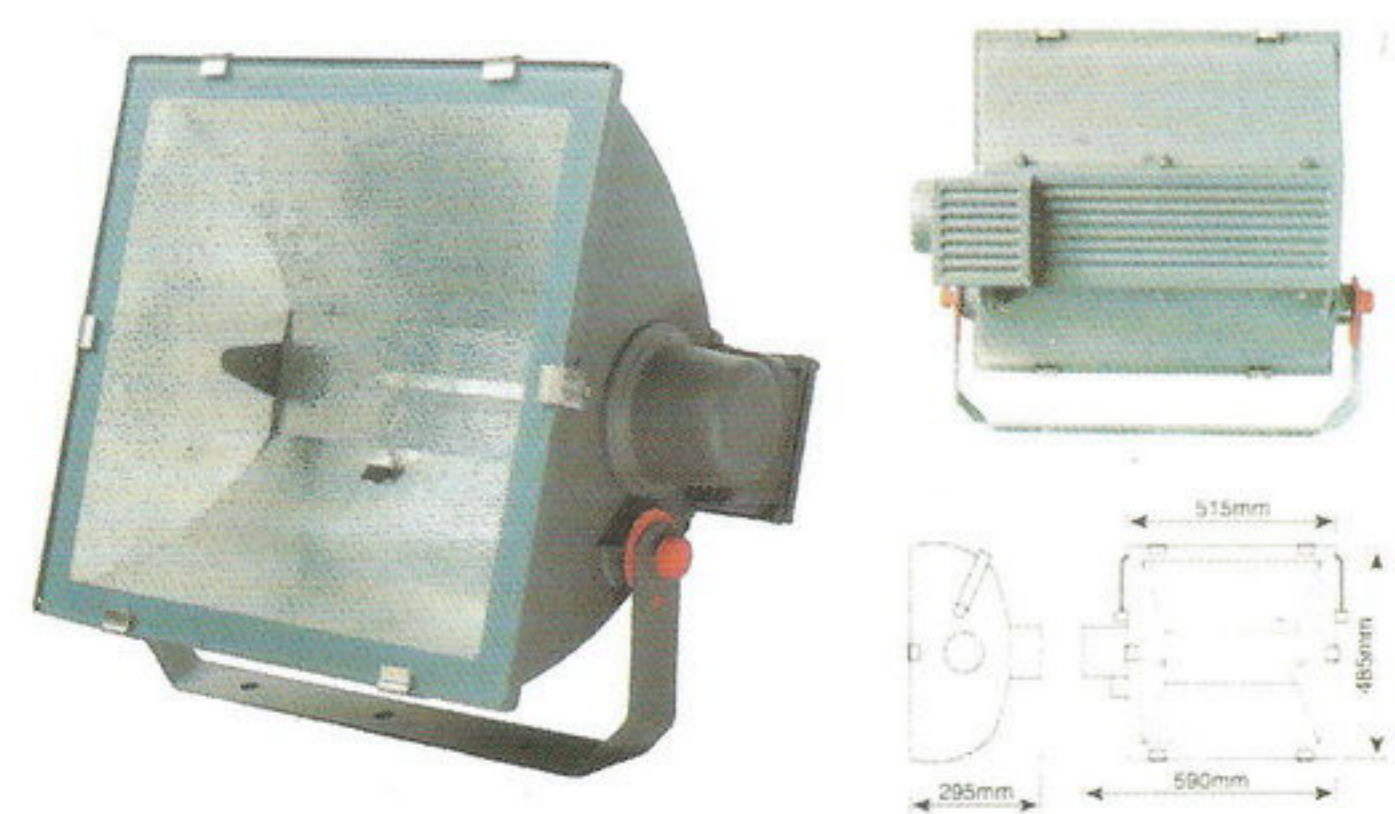
DS-336 E27 Max 1000W x 2/400W



DS-327 Rx7s Max 150W



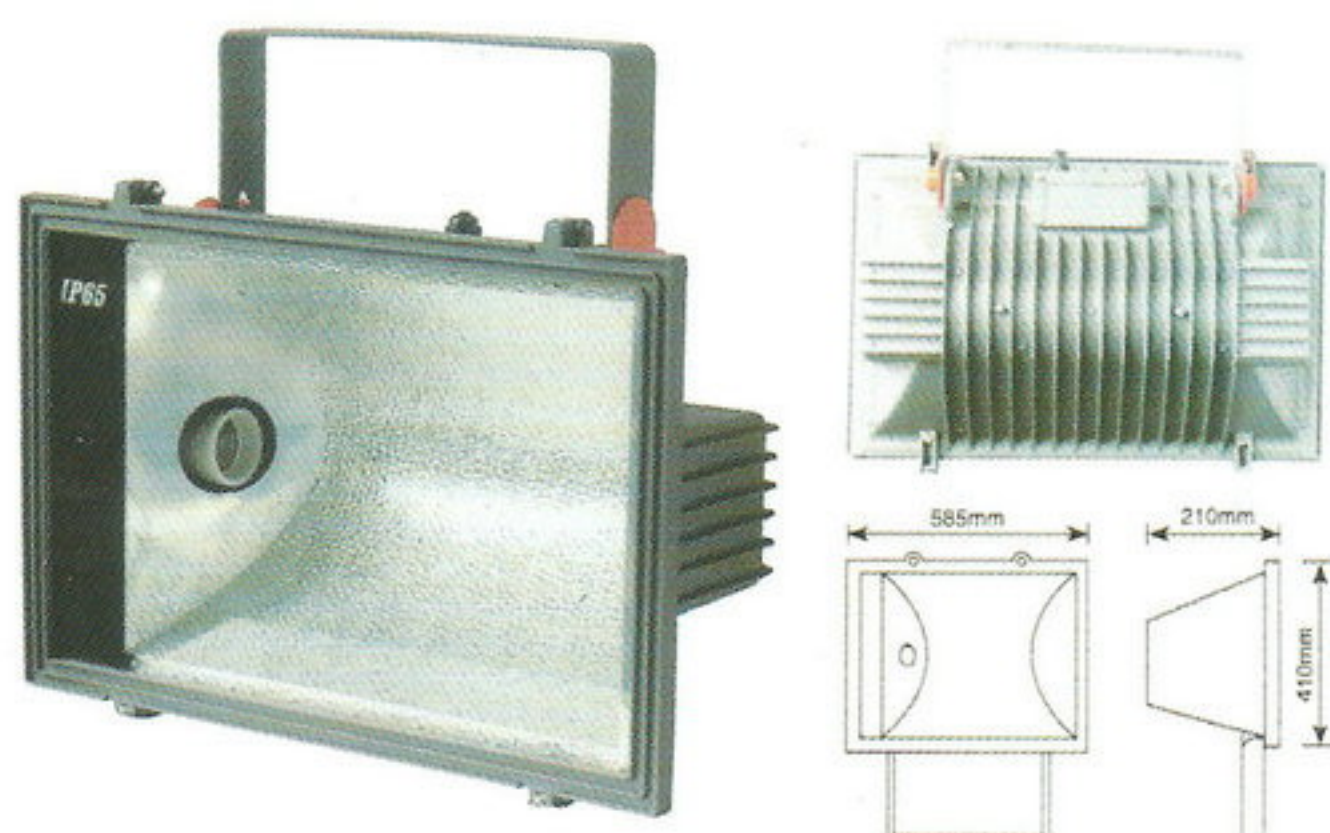
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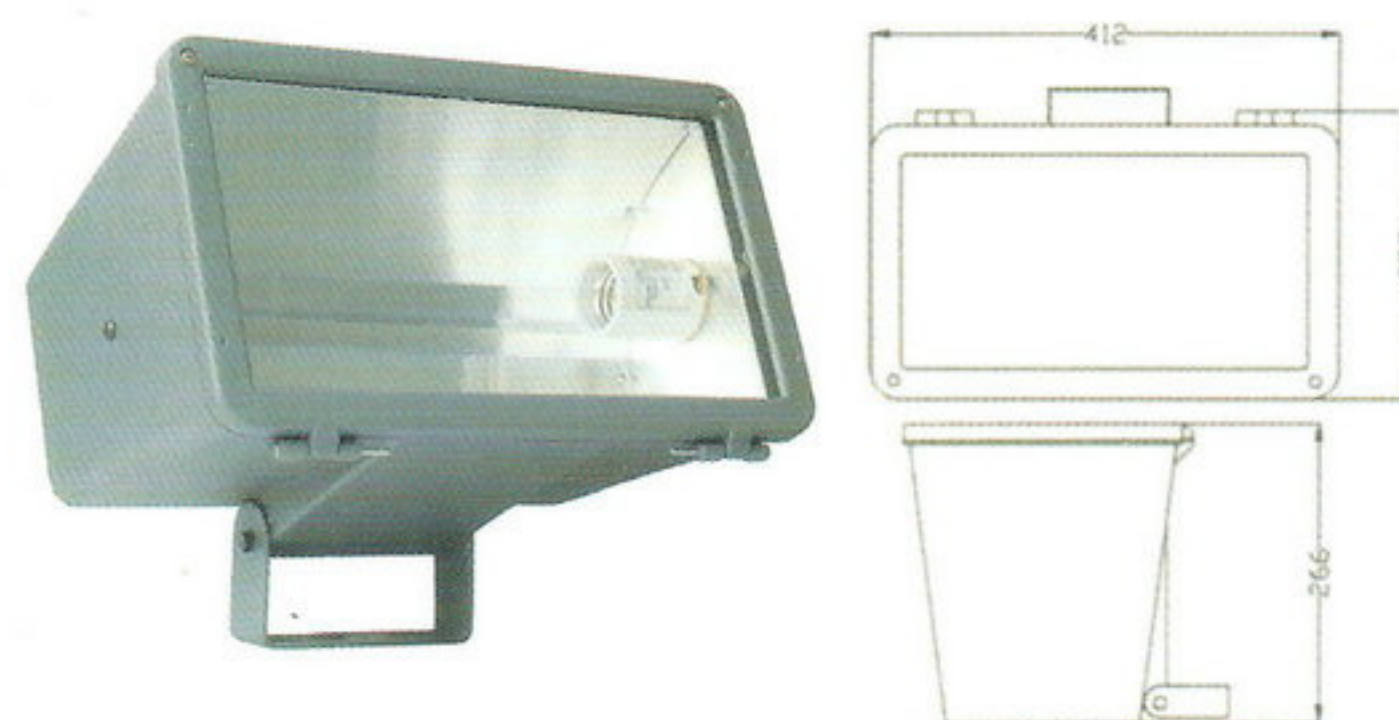
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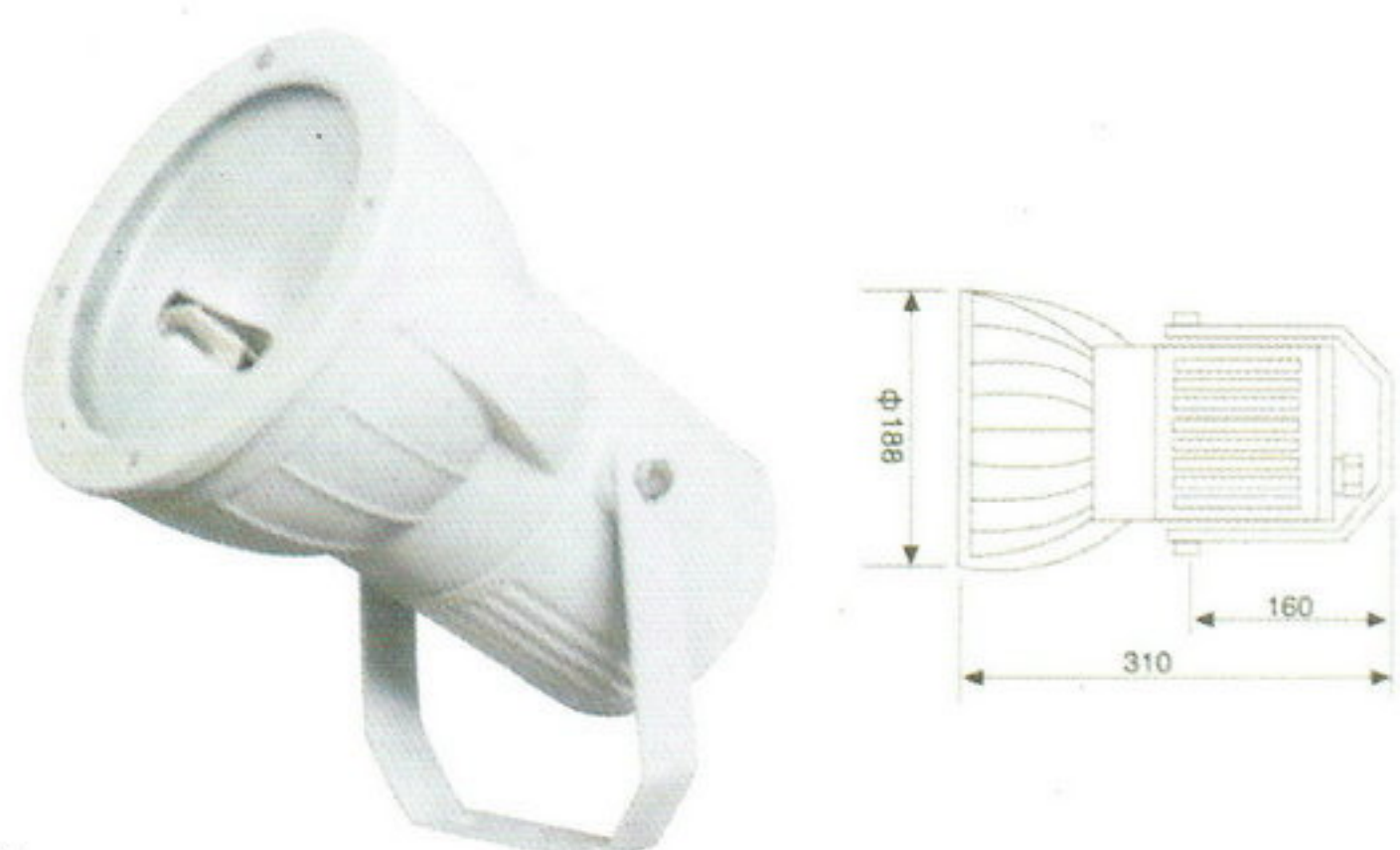
DS-337 E40 Max 1000W



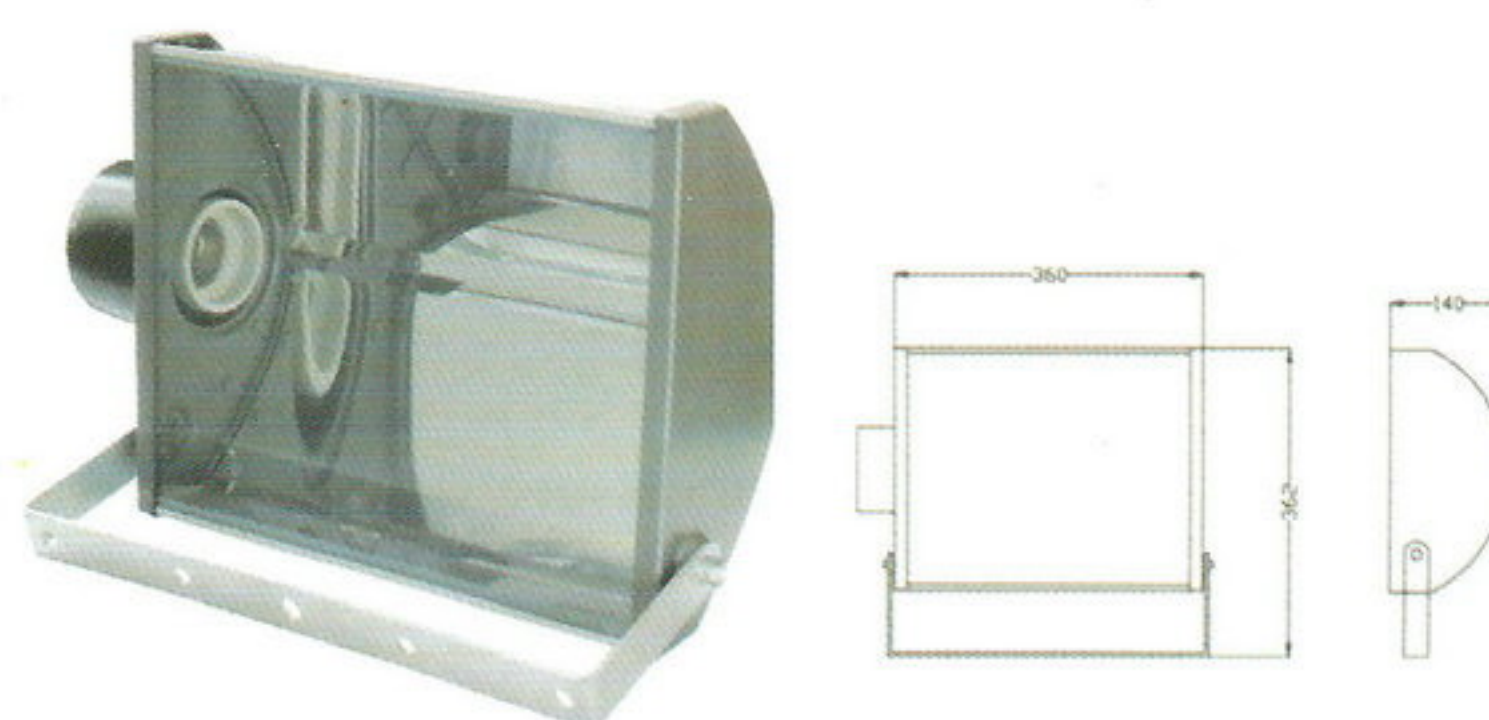
DS-339 E40 Max 1000W



DS-412 E40 Max 400W



DS-350 Rx7s 150W



DS-345 E40 Max 400W



DS-329B E27 Max 150W



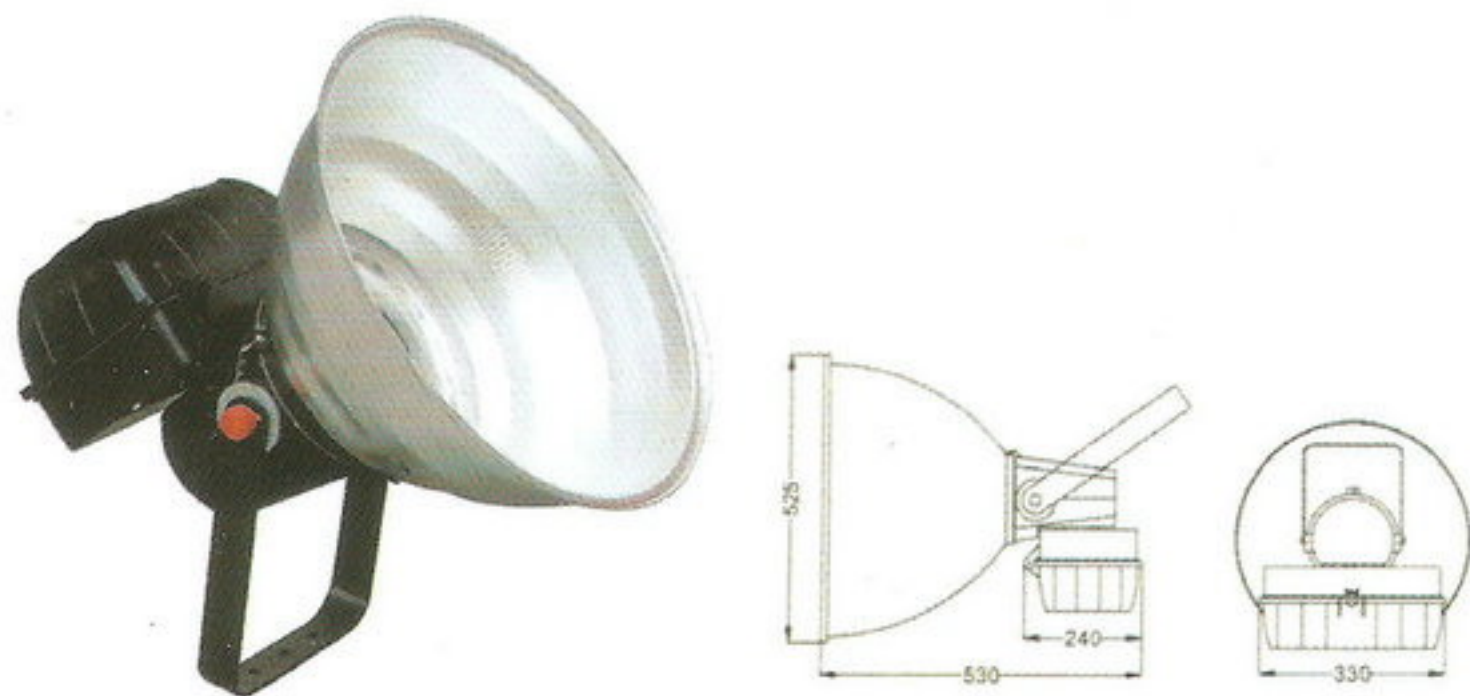
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DS-329 E40 Max 400W



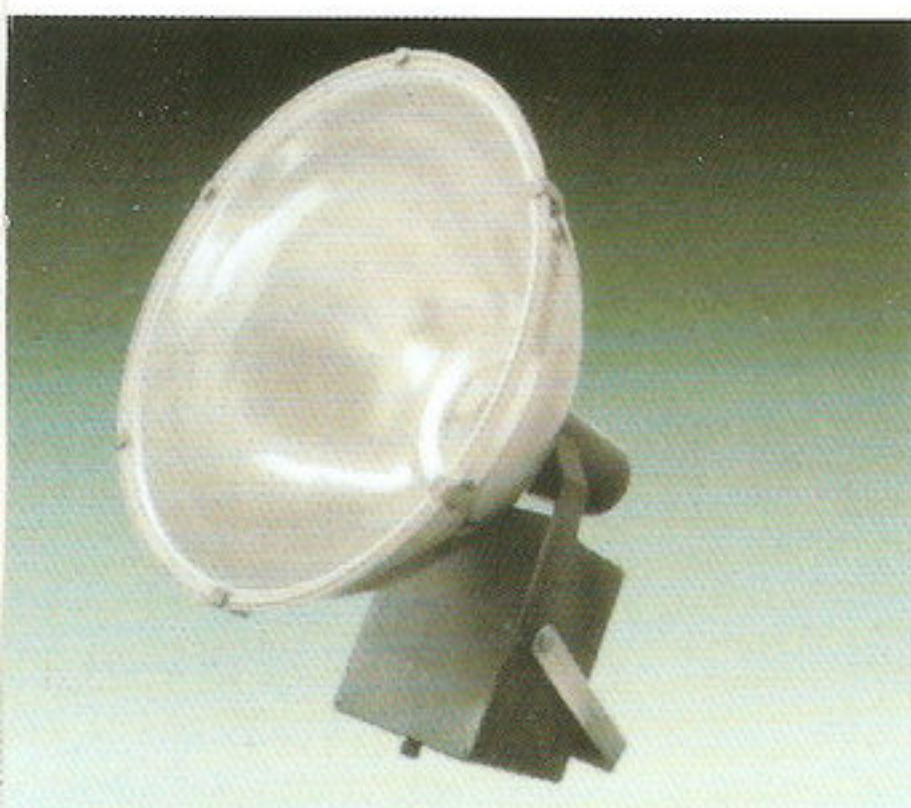
DS-329A E40 Max 1000W



DS-110 E40 Max 1500W



DS-347 E40 Max 1000W



DS-346 E40 Max 1000W



DS-349 E40 Max 1500W



DS-341 E40 Max 400W



DS-343 Rx7s 150W



DS-342 E40 Max 400W



DS-344 E40 Max 400W

Useful Information

DESCRIPTION CODES

CAIDEAL

HPS	High pressure sodium lamp
MH	Metal halide lamp
HM	High pressure mercury lamp
HMB	High pressure blended mercury lamp
U	Universal operating position
BU	Base up
H	Horizontal operating position
D	Day light color,6000K
N	Natural color,4200K
W	Warm color,3000K
ED##	ED Bulb shape
BT##	BT Bulb shape
ET##	ET Bulb shape
T##	T Bulb shape
TT##	TT Bulb shape
C	Coated
LU	Designing for American standard
NG	Designing for European standard
DE	Double and lamp-base at either end
HID	E27 and E40 based metal halide lamp
MED	Medium base
MH	Metal halide
MOG	Mogul base
PAR##	Parabolic reflector lamp-the numbe(##)is lamp's diameter in 1/8
R40	Reflector lamp-40 is lamp diameter in 1/8
4K	4200 Kelvin color
3K	3200 Kelvin color
5K	5200-5500 Kelvin color

Container Specification

INTERIOR MEASUREMENT			MAX. LOAD WEIGHT	CU FT3	CU M3
LENGTH	WIDTH	HEIGHT			
20'5.898M	8'2.352M	8'6"/2.385M	21,630KG	1170 1000	33.10 28
40'12.032M	8'2.352M	8'6"/2.385M	26,480KG	2383 2000	67.50 58
40'12.031M	8'2.352M	9'6"/2.690M	26,280KG	2690 2260	76.20 68

Diagram 1

Colortemperature	Feeling	Lights
<3,300K	Warmth	Incandescent lights quartz halogen lamps
3,300-5,000K	Middle	three primary colors fluorescent lights metal halide lamps
>5,000K	Cold	three primary colors fluorescent lights mercury lamps

Lighting basic

Name	Symbol	Unit	Explanation
Luminous Flux	Φ	Lm	The quantity a light generates per second is called light quantity.
Luminous Intensity	I	cd	The quantity a light transmits at a unit angle in a special direction is called light transmission.
Illumination Degree	E	Lm/m ²	Light flux per unit area of the object irradiated by the light source.
Brightness	L	cd/m ²	The quantity a light transmits at a unit angle in a special direction per area unit is called transmisson of light.
Avg. Life			Refers to the lasting hours before 50% of the lamp bulbs are damaged or do not light anymore.

LIGHTING TERMS:

1). COLOR TEMPERATURE(Kelvin)

Color temperature is indicated by absolute temperature, Kelvin. When a standard black body like iron is heated and the temperature rises up to a certain degree, the color starts to change gradually from red-light red-orange yellow-white-blue white-blue. With the feature of this photochromic changing, when the light color of a certain light source and the black body appear the same in photochromic at a certain temperature, the absolute temperature is called color temperature.(Diagram 1)

The photochromic starts to become red when the color temperature is below 3000K, which gives out a feeling of warmth. When the color temperature is above 5000K, the color starts to become blue, which gives people a feeling of cold.

Usually, people in the Subtropical Zone like the color temperature of above 4000K while people in Frigid Zone prefer the color temperature below 4000K.

2).Developing Feature(Ra)

The degree of the light presents to the color of the objects is called the color developing, that is, the degree of the color's vividness, The higher the color developing quality of the light, the better it presents the color. So the color we see is closer to the natural color, On the contrary, the lower the color developing quarity of the light, the worse it presents the color. So the color we see is quite different from the natural color.

Why is the color developing low or high? The key lies in the light splitting feature of the light ray. The wavelength of the visible light is in the range of 380nm to 760nm, that is the color range we can see in the light spectrum of red, orange, yellow, green, blue, black and purple. If the proportions of all the colors of the rays the light emits are close to those of the natural colors, the colors we see are more vivid.

If you choose unsuitable lights, even well-chosen decoration, furnishing, artwork and clothes will lose their beauty.

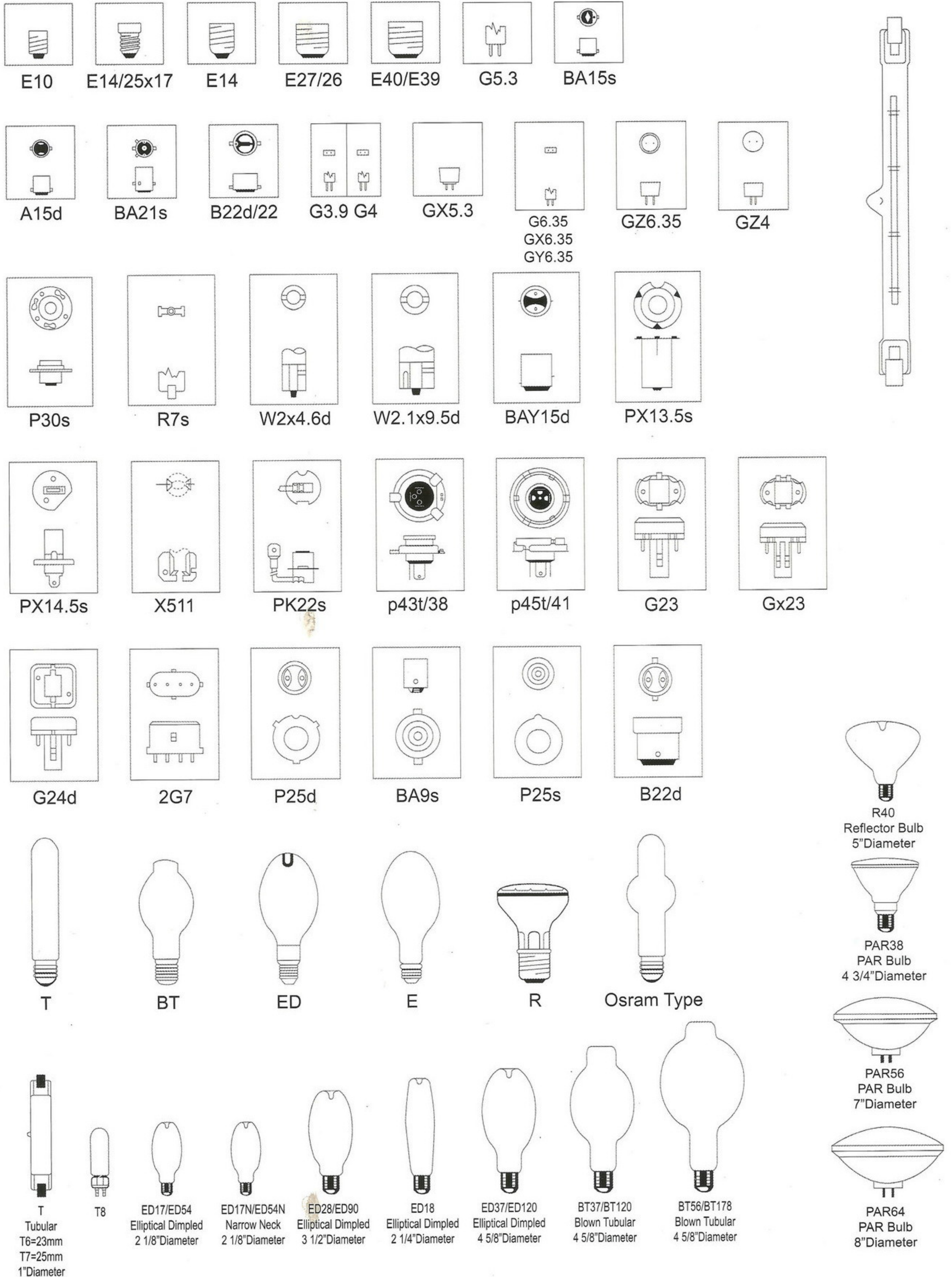
3). Light Efficiency(Lm/W)

$$\text{Light Efficiency(Lm/W)} = \frac{\text{Luminous Flux(Lm)}}{\text{Power Consumption(W)}}$$

The light efficiency is the rate of the light transmission against its power consumption, namely, the light quantity per watt. The higher the rate is, the higher the light's efficiency. So the efficiency of the light is a very important element for the places where lights will be used for a long time, such as offices, corridors, tunnels and the like.

Useful Information

Lamp Base Type & Glass Shell Type





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